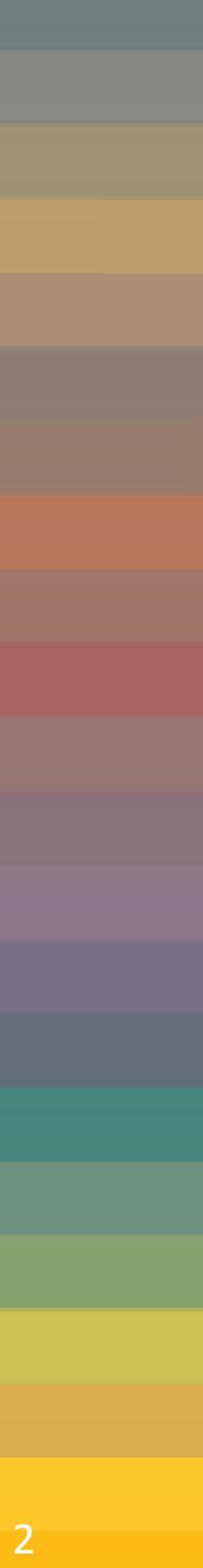


DUNN EDWARDS

2014 DESIGN TRENDS

COMMERCIAL ARCHITECTURE

GRACE LENNON ASSOCIATE AIA LEED AP BD&C



MODULAR

PG 3

BIOMIMICRY

PG 13

ECO - FRIENDLY

PG 7

HUMAN SCALE

PG 10

INSPIRATION

MOTIVATED BY THE NEED TO **SEEK ORDER** AND **MINIMALISM** IN DESIGN.

A RENEWED INTEREST IN **ENGAGING** DESIGN.

BUSINESSES STRIVE TO CONTINUALLY **GROW** AND CHANGE WITH TIME.

STRIVE TO ACHIEVE **SIMPLICITY AND SPEED** IN CONSTRUCTION.

APPLICATION

USE PREFABRICATED MODULAR PODS IN COMMERCIAL INTERIORS.

INCORPORATE RECLAIMED STORAGE CONTAINERS OR MODULAR UNITS INTO DESIGNS.



FIVE AM ARCHITECTS

MODULAR

MODULAR INTERIOR PODS

BUSINESSES ARE CONSTANTLY LOOKING FOR NEW WAYS TO ALLOW FOR FLEXIBILITY WITHOUT MUCH INVESTMENT. AN EXAMPLE OF THIS IS FIVE AM ARCHITECTS' **SUIVEZ LE GUIDE**. FIVE AM HAVE TRANSFORMED AN OPEN PLAN OFFICE SPACE INTO A FLEXIBLE SET-UP THAT ACCENTUATES BOTH PRIVACY AND COMMUNITY. THE PLAN IS MADE UP OF MOVABLE MODULES, MONOCHROMATIC MEETING AREAS, AND PRIVATE CHAMBERS. THIS FLEXIBLE SPACE ENABLES EMPLOYEES TO CUSTOM CREATE THEIR DESIRED WORK AREA WITH A SIMPLE SLIDE OF THE MOVING MODULES. THIS DESIGN REALLY GOES OUTSIDE THE BOX WHEN IT COMES TO OFFICE FURNITURE, REDEFINING THE CONVENTIONAL WAYS OF WORKING AND COMMUNICATION. BY OPTING FOR NEW WAYS TO ALIGN THE VOLUMES, THE USER IS ABLE TO CONSTANTLY CREATE OTHER FUNCTIONS.



FIVE AM ARCHITECTS

STORAGE CONTAINERS

THE RISE OF INNOVATIVE GREEN ARCHITECTURE HAS CREATED AN INCREASINGLY IN-VOGUE TREND: STACKING AND LINKING RUGGED AND VERSATILE FREIGHT SHIPPING CONTAINERS AND TRANSFORMING THEM INTO FULLY INHABITABLE STRUCTURES. THEY ARE AN EXCELLENT EXAMPLE OF REUSE, AND OFFER A QUICK AND INEXPENSIVE PREFABRICATED DESIGN SOLUTION. CHILE-BASED DX ARQUITECTOS STACKED A SERIES OF THESE RE-PURPOSED SHIPPING CONTAINERS TO CREATE COOL PREFAB OFFICES AND **SHOWROOMS FOR MUEBLES GACITÚA**'S FURNITURE LINES. THE MODULAR UNITS WERE A SNAP TO SET UP, AND THEY PROVIDE SHELTER AND BUFFER NOISE FROM THE BUSY NEARBY ROADS. THE UNIQUE PREFAB BUILDINGS ARE STILL PAINTED A RUSTY RED COLOR WASHED OUT BY THE SEA AND SUN, AND THEY FEATURE GREEN PATIOS AND LONG TERRACES. THIS "CARGOTECTURE" TREND IS SWEEPING THE COUNTRY WITH MORE ARCHITECTS DISCOVERING NEW USES FOR PREFAB MODULAR UNITS.



PHOTO © PABLO BLANCO BARROS

PREFAB CLASSROOM

PREFABRICATED UNITS ARE NOT ONLY USED FOR OFFICE SPACES, BUT ALSO FOR PUBLIC PROJECTS INCLUDING SCHOOLS. **PROJECT FROG**, A BAY AREA STARTUP, HAS BEEN ACHIEVING SOME AMAZING RESULTS WITH ITS ENVIRONMENTALLY FRIENDLY MODULAR CLASSROOMS. A TWO MILLION DOLLAR BUDGET GOT WATKINSON SCHOOL 3,500 SQUARE FEET OF CLASSROOM SPACE BUILT FROM 50 PERCENT RECYCLED MATERIAL. THE BUILDING IS OUTFITTED WITH 60 SOLAR PANELS THAT REDUCE THE ELECTRICITY COSTS TO ZERO, IN FACT PRODUCING MORE ENERGY THAT IT USES. ALSO, BECAUSE OF THE MODULAR DESIGN, THE PROJECT TOOK ONLY SIX MONTHS TO COMPLETE. HERE STUDENTS ARE TAUGHT LESSONS THAT INCORPORATE SUSTAINABILITY, CONSERVATION AND ENVIRONMENTAL AWARENESS. MANY SCHOOLS ARE NOW LOOKING TO COMPANIES SUCH AS PROJECT FROG IN ORDER TO REPLACE THE PORTABLE TRAILERS GENERALLY PROVIDED BY THE STATE.



PROJECT FROG



PHOTOGRAPHY CREDITS: JOHN GOLLINGS

INSPIRATION

PROVIDE **HEALTHIER** WORK AND LIVING ENVIRONMENTS

STRIVE FOR **ENERGY EFFICIENCY** AND SPACE MAXIMIZATION.

LIMIT IMPACT ON OUR ENVIRONMENT.

APPLICATION

CONSTRUCT BUILDINGS TO LEED STANDARDS, WHICH HELP IMPLEMENT WAYS TO BE ENVIRONMENTALLY RESPONSIBLE AND RESOURCE-EFFICIENT.

DESIGN TO COMPLY WITH THE PRINCIPLES OF SOCIAL, ECONOMIC, AND ECOLOGICAL SUSTAINABILITY.

ECO - FRIENDLY

CIVIC BUILDINGS

DUE TO THE FACT THAT PUBLIC BUILDINGS ARE TYPICALLY HIGH-PROFILE COMMUNITY DRIVEN PROJECTS, CIVIC BUILDINGS HAVE A UNIQUE ROLE IN THE GREEN BUILDING MOVEMENT BECAUSE OF THEIR ALTRUISTIC MISSION, AND PUBLIC AND PEDAGOGICAL NATURE.

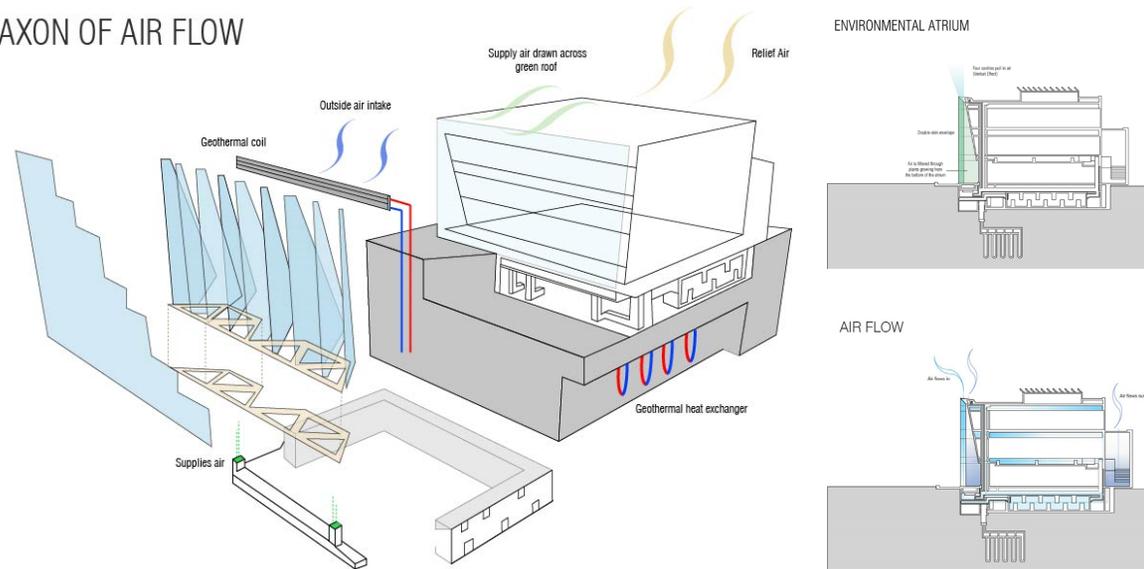
THE **SURRY HILLS LIBRARY AND COMMUNITY CENTRE** IN SYDNEY, AUSTRALIA WAS RECENTLY AWARDED THE 2010 NATIONAL AWARD FOR SUSTAINABLE ARCHITECTURE . DESIGNED BY FRANCIS-JONES MOREHEN THORP (FJMT), THE LIBRARY AND COMMUNITY CENTER SETS A NEW STANDARD OF EXCELLENCE FOR SUSTAINABLE DESIGN. WITH AUTOMATIC SUN-TRACKING LOUVERS, A ROOFTOP PHOTOVOLTAIC SYSTEM, A GREEN ROOF, HEALTHY INDOOR AIR QUALITY, AND AN INNOVATIVE AIR HANDLING SYSTEM, THE CENTER AND FJMT ARE HIGHLY DESERVING RECIPIENTS OF THIS YEAR'S NATIONAL SUSTAINABLE DESIGN AWARD.



PHOTOGRAPHY CREDITS: JOHN GOLLINGS



AXON OF AIR FLOW



FJMT

ECO - FRIENDLY

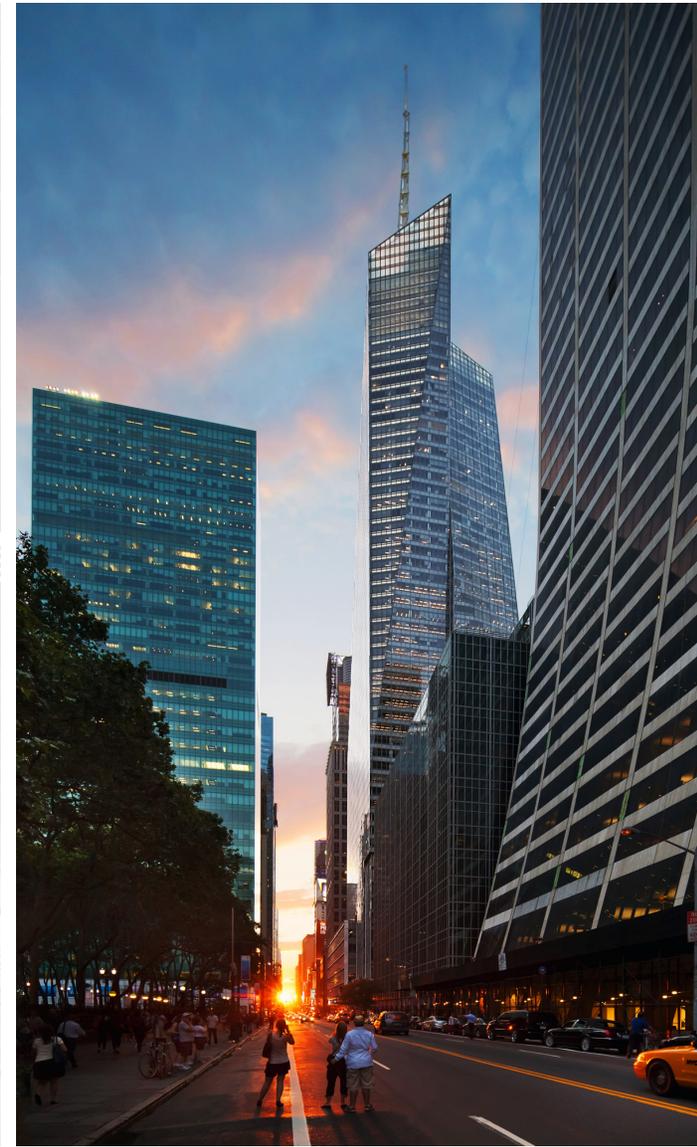
SKYSCRAPERS

SUSTAINABLE SKYSCRAPERS ARE BECOMING MORE PREVALENT, WITH ENERGY EFFICIENT BUILDINGS CORRELATING TO A MORE EFFICIENT AND PRODUCTIVE WORK ENVIRONMENT. IN TURN, COMPANIES ARE COMING TO THE REALIZATION THAT INVESTING IN 'GREEN' PRINCIPLES IS MORE PROFITABLE IN THE LONG RUN.

THE **BANK OF AMERICA TOWER AT ONE BRYANT PARK** IN MIDTOWN NEW YORK, DESIGNED BY COOK + FOX ARCHITECTS, IS THE FIRST COMMERCIAL HIGH-RISE TO ACHIEVE LEED PLATINUM CERTIFICATION. THE DESIGN AND HIGH PERFORMANCE OF THIS BUILDING SETS A NEW STANDARD FOR COMMERCIAL CONSTRUCTION AND FOR THE OFFICE-WORK ENVIRONMENT. BY FOCUSING ON WAYS TO EMPHASIZE DAYLIGHT, FRESH AIR AND A CONNECTION TO THE OUTDOORS, THE ARCHITECTS REDEFINE THE PARAMETERS OF THE SKYSCRAPER AS MORE THAN A GLASS BOX.



©COOKFOX



ECO - FRIENDLY



RTKL & ASSOCIATES, INC.

INSPIRATION

THE NEED FOR **SOCIAL SPACES** TO PROVIDE POSITIVE INTERACTIONS .

A **CHANGED ATTITUDE** TOWARDS PUBLIC SPACE, CITY STREETS AND WALK-ABILITY.

PROMOTE **HEALTHY**, SAFE SURROUNDING SITES.

ACTIVATE AND SHAPING SIDEWALK EXPERIENCE.

APPLICATION

DESIGN SUCCESSFUL GROUND FLOOR RETAIL AND SIDEWALKS THAT ENGAGE PEDESTRIANS.

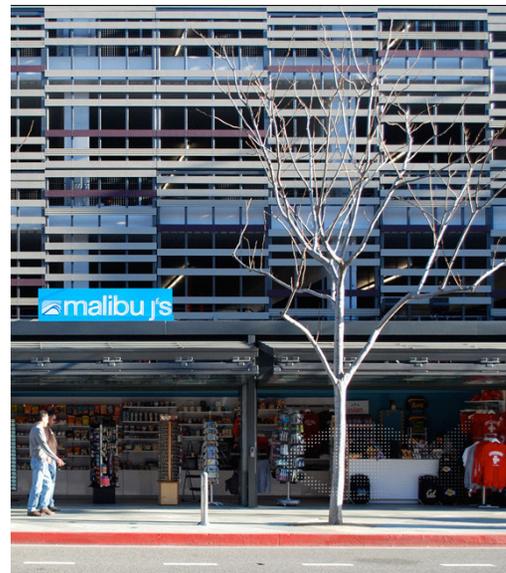
PROVIDE GATHERING SPACES WITHIN THE BUILDING AND SURROUNDING SITE.

HUMAN SCALE

GROUND FLOOR RETAIL

THE PEDESTRIAN EXPERIENCE IS ONE OF THE MOST THRILLING AND INTIMATE WAYS TO EXPERIENCE ARCHITECTURE.

BROOKS + SCARPA ARCHITECTS DESIGNED IMPROVEMENTS TO EIGHT PARKING GARAGES SURROUNDING THE POPULAR 3RD STREET PROMENADE OF SANTA MONICA, INCLUDING NEW FACADES, IMPROVED PEDESTRIAN ACCESS, SCULPTURAL SIGNAGE, ENHANCED LED LIGHTING FOR SAFETY AND AESTHETICS, AND GROUND FLOOR RETAIL. BUILDING ON THE SUCCESS OF THE 3RD STREET PROMENADE AND SOUTHERN CALIFORNIA'S IDEAL OUTDOOR CLIMATE, THE REDESIGN AIDS IN CREATING A MORE WALKABLE AND FRIENDLY ATMOSPHERE. THE MULTIFACETED NEW FACADE TRANSFORMS THE STREET-SIDE APPEARANCE, ALTERING THE VIEWER'S PERCEPTION OF SPACE AND FUNCTION WHILE VISUALLY INTEGRATING THE BUILDING WITH THE COMPLEX FABRIC OF THE CITY. IT INJECTS A SENSE OF LIFE AND ACTIVITY INTO THE PROMENADE, AND ENCOURAGES A MORE CONVIVIAL AND WELCOMING EXPERIENCE.



PHOTOGRAPHER CREDIT : JOHN LINDEN



HUMAN SCALE

GATHERING SPACES

ARCHITECTURE IS MOST SUCCESSFUL WHEN IT CREATES AN ENVIRONMENT TO ENRICH HUMAN EXPERIENCES.

THIS ASSIGNMENT CREATES A SPACE TO HELP DEVELOP AND REINFORCE THE COMMUNITY OF STUDENTS AND FACULTY BY PROVIDING AN INFORMAL SPACE FOR CHANCE AND CASUAL ENCOUNTERS.

THE DESIGN CONCEPT FOR THE NEW **KIMBALL ART CENTER** DELIVERS A UNIQUE EXPERIENCE AND EXPANDS ART INTO THE BROADER PARK CITY COMMUNITY, CREATING A NEW SOCIAL SPACE FOR THE 21ST CENTURY. THE HEART OF THE ART CENTER, THE PROCESS BY WHICH ART IS MADE, IS CONNECTED TO THE STREET CORNER. PASSERSBY CAN SEE DEEP INTO THE BUILDING, VIEWING PEOPLE WORKING THROUGHOUT SEVERAL STUDIO SPACES, THE MAIN EXHIBITION SPACE AND THE MANY OTHER SPACES THAT ARE VISUALLY LINKED TOGETHER. RATHER THAN SIMPLY DISPLAYING ART TO THE COMMUNITY, THE PROCESS ITSELF IS ON DISPLAY.



BROOKS+SCARPA ARCHITECTS

HUMAN SCALE

BIOMIMICRY

INSPIRATION

HUMANS HAVE LOOKED AT **NATURE FOR ANSWERS** TO BOTH COMPLEX AND SIMPLE PROBLEMS THROUGHOUT OUR EXISTENCE

STRIVE TO BE **STRONGER, GREENER,** AND MORE **EFFICIENT.**

PROVIDE AESTHETICALLY PLEASING, AND **SITE-RESPONSIVE** DESIGN.

APPLICATION

USE NATURE-INFLUENCED GEOMETRICAL FORM.

LOOK TO NATURE FOR INSPIRATION IN ORDER TO SOLVE DESIGN PROBLEMS.



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BIOMIMICRY

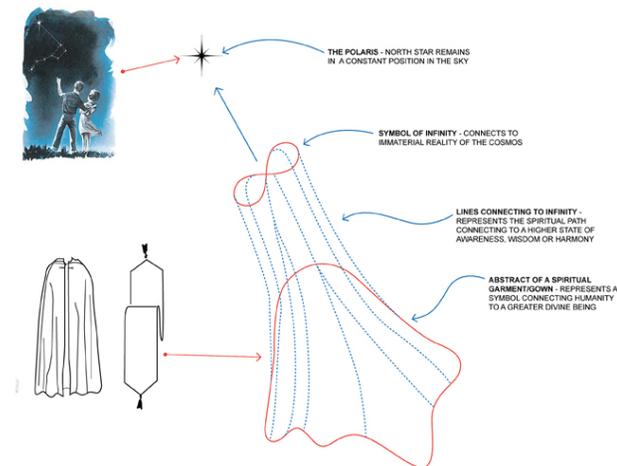
NATURE INSPIRED

BIOMIMETIC ARCHITECTURE GOES BEYOND USING NATURE AS INSPIRATION FOR THE AESTHETIC COMPONENTS OF BUILT FORM, BUT INSTEAD SEEKS TO USE NATURE TO SOLVE PROBLEMS OF THE BUILDING'S FUNCTIONING.

IN BROOKS + SCARPA ARCHITECTS NEW **INTERFAITH CHAPEL** AT THE UNIVERSITY OF NORTH FLORIDA, THEY ARE DRAWING INSPIRATION FROM A FREE-FLOWING WEDDING GOWN, ITS INFORMALLY SHAPED FOOTPRINT - REMINISCENT OF ALLEGORICAL FIGURES SUCH AS JUSTICE, FAITH, HOPE, CHARITY, PRUDENCE AND FORTITUDE – FLOWING UPWARD AND CULMINATING AT THE TOP WITH A LARGE SKYLIGHT . THE LIGHT IS DIFFUSED BY A WOODEN LATTICE SPIRE THAT IS DERIVED FROM THE SYMBOL OF INFINITY. THE SYMBOLIC, 7000 SQUARE-FOOT STRUCTURE WILL PROVIDE STUDENTS WITH AN INTIMATE, SPIRITUAL SPACE .



BROOKS+SCARPA ARCHITECTS



BIOMIMICRY

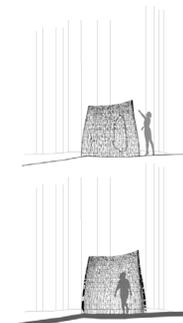
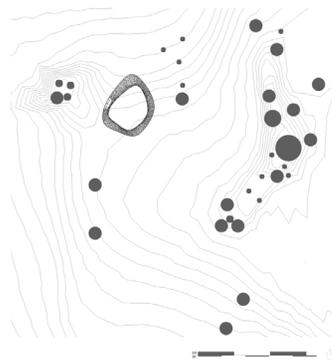
ORGANIC DESIGN

"NATURE HAS KINDLY PROVIDED THAT THROUGHOUT THE WORLD YOU MAY FIND SOMETHING TO IMITATE." - LEONARDO DA VINCI

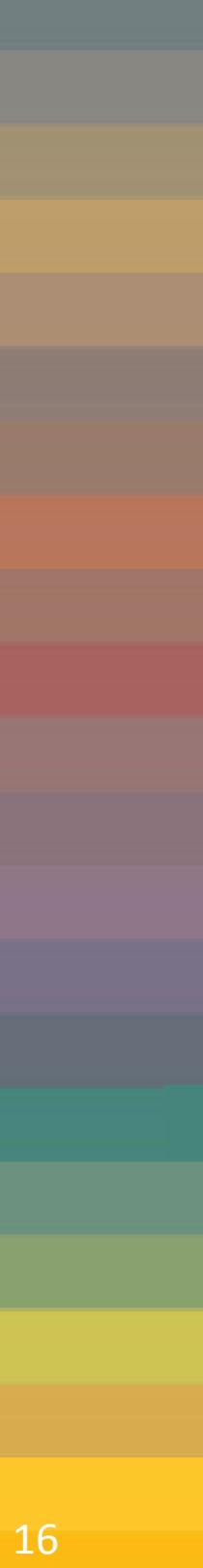
ORGANIC ARCHITECTURE USES NATURE-INSPIRED GEOMETRICAL FORMS IN DESIGN AND SEEKS TO RECONNECT THE HUMAN WITH HIS OR HER SURROUNDINGS. NATURE HAS A LOT TO TEACH US, AND ARCHITECTS ARE STARTING TO LOOK TO FORMS IN NATURE AS INSPIRATION FOR FORM IN DESIGN.

IN THE HEART OF A 150-ACRE REDWOOD FOREST, SMITH|ALLEN HAS CREATED A SITE RESPONSIVE, 3D PRINTED ARCHITECTURAL INSTALLATION: **ECHOVIREN**.

THE PROJECT MERGES ARCHITECTURE, ART AND TECHNOLOGY TO EXPLORE THE DIALECTIC BETWEEN MAN, MACHINE AND NATURE. SPANNING 10 X 10 X 8 FEET, ECHOVIREN IS A TRANSLUCENT WHITE ENCLOSURE, STARK AND ARTIFICIAL AGAINST THE NATURAL PALETTE OF REDS AND GREENS OF THE FOREST. A TRUE INTERPLAY OF MAN AND NATURE MODERATED BY TECHNOLOGY.



ALL PHOTOS ARE COURTESY OF SMITH|ALLEN



THANK YOU

ALL PHOTOS AND CONTENT USED WITH PERMISSION

DESIGNERS FEATURED:

- FIVE AM ARCHITECTS
- DX ARQUITECTOS [[HTTP://WWW.DX.CL/](http://www.dx.cl/)]
- PROJECT FROG
- FRANCIS-JONES MOREHEN THORP (FJMT)
- COOK + FOX ARCHITECTS
- BROOKS + SCARPA ARCHITECTS
- SMITH | ALLEN

CREDITS