

Fredrick H. Zal

Curriculum Vitæ

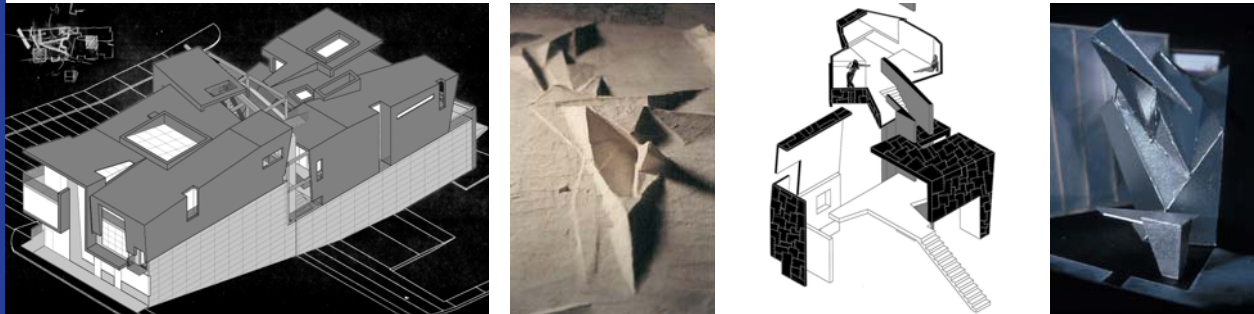
Biography

Fredrick H. Zal's passion is to help people envision their dreams in Architecture, Furniture, and the Arts. He takes great joy in crafting beautifully with his hands, envisioning with his mind, moving his body, and pride in his responsibility to contribute to the world both artistically, environmentally, and sociologically. Working with vintage, salvaged, natural, and recycled materials, Fredrick is able to harvest shared cultural memories, and re-craft these narratives with new purpose and invigorated charisma. By discussing the qualities of touch, sight, scent, taste, and sound with you, our patron, he creates works of art that resonate with you beyond the simple functionality of the object, space, or building. Fredrick loves hearing the stories that compose your memories, and then helping you to create new ones that may be shared with family and friends for years to come. It is his intent that these newly crafted heirlooms will spark pleasure today, and will be cherished by you, your friends and family for generations. Fredrick lectures on both the theory and practical application of empathy, morphology and material narrative in his architecture, furniture, and art around the United States, where the work is regularly published and exhibited.

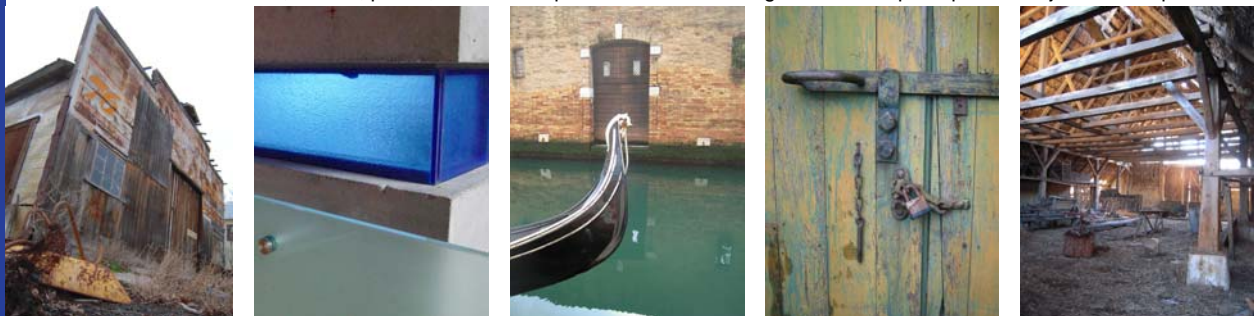
Empathy: Expression, instigation, and enhancement of emotional states through space, scent, acoustics, texture, color, and form.



Morphology: Exploring the balance between internal and external pressures that contribute to the defining process in creating space.



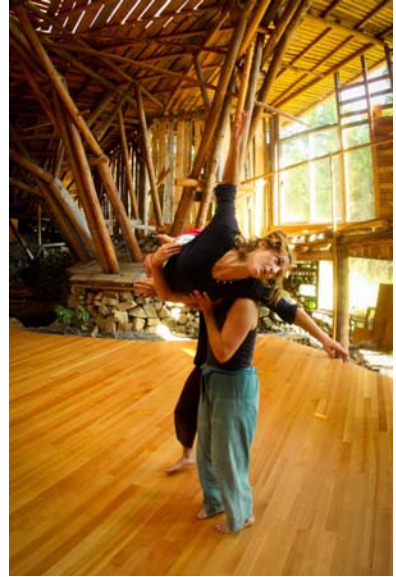
Material Narrative: The scent, texture, patina, cultural and personal memories engrained in our perception of objects and experiences.



As a guest professor at a number of Institutions, Fredrick educates fine and applied art students about the impetus of their design pedagogy through speculation upon fundamental concepts of light, statics and kinetics, material science, landform, and bodily proprioception by investigating their correlation to the spaces we form into our urban environments.

Fredrick takes great pleasure in contact improv dance, yoga, both performing and patroning the arts, hiking and camping with his Siberian Husky pup, and cooking food with his close friends.

Through these actions, Fredrick has been making the world a better place for you, us, and future generations; and why Fredrick will continue to advocate for dialogue in the fine + applied arts.



To keep myself inspired in life, I love contact improv dance, yoga, both performing and patroning the arts, hiking and camping with my Siberian Husky pup, and sharing conversation while cooking food with close friends.



Education + Practice

<i>University of Oregon</i>	Architecture; School of Architecture and Allied Arts	<i>Masters of Architecture: 1997</i>
<i>Waseda University, Tokyo, Japan</i>	Architecture; Graduate Architecture Department	<i>Post-Bachelors Studies: 1992</i>
<i>University of Pennsylvania</i>	Design of the Environment; College of Arts and Sciences, Architecture	<i>Bachelors of Arts: 1992</i>
<i>Rhode Island School of Design</i>	Architecture, Sculpture + Industrial Design	<i>Bachelors Studies: Summer 1990</i>
<i>Lafayette College</i>	Psychology of Design; School of Liberal Arts	<i>Bachelors Studies: 1989 - 1990</i>
	Prosthetic Bio-Physics; Schools of Natural Sciences and Engineering	

<i>Atelier Z</i>	Portland, Oregon	2000-Present
	Principal Architect	
<i>ARG inc.</i>	Portland, Oregon + San Francisco, California	2008-2011
	Lead Architect for Pacific Northwest Office	
<i>WPH Architecture inc.</i>	Portland, Oregon	1998-2000
	Project Manager	
<i>Urban Design Collab.</i>	Portland, Oregon	1997-1998
	Design Consultant	
<i>Sienna Architecture Co.</i>	Portland, Oregon	1997-1998
	Job Captain	
<i>Sarnacki Architects</i>	Ardmore, Pennsylvania	1993-1994
	Intern	
<i>J.K. Roller & Associates</i>	Philadelphia, Pennsylvania	1992
	Intern	
<i>Retail + Restaurants</i>	Multiple Positions + Locations	1987-1995
<i>Tower Investments</i>	Philadelphia, Pennsylvania	1983-1989, 1992
	Carpenter, General Construction, + Draftsman	
<i>Registration</i>	Pennsylvania Architect	RA016482
	Oregon Architect	4641
	National Council of Architectural Registration Boards	77882 / 55793

Angoisse della Macchina Opera, 2005.



Vanguard Architects Exhibition, 2002.



Art by Architects, 1997.



New Attitude, New Visions for Multi-Family Housing, 1998.



Selected Projects

Urban Design

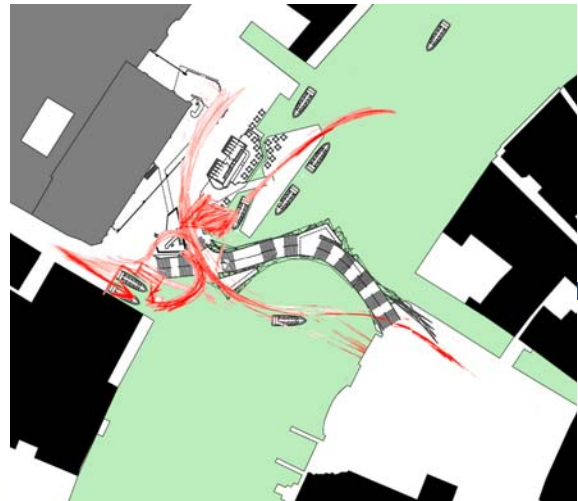
Café del Mar Master Plan	Big Sur, California	2015
Sunset View Community	Washougal, Washington	2011
Central City Assessment	Portland, Oregon	2006-2007
l'Academia Bridge + Museum	Venice, Italy	2006
North Park Blocks Bocce Courts	Portland, Oregon	2003
Port Rashid Masterplan	Dubai, U.A.E.	2001
Pearl District "Horse Barn" Study	Portland, Oregon	2000
Eastbank Crescent Study	Portland, Oregon	1999
S.E. Powell Boulevard	Portland, Oregon	1998
Bridgeton Trans. Improv. Plan	Portland, Oregon	1997
Tilikum Caruthers Crossing Rail Study	Portland, Oregon	1997
Peterkort Town Center	Beaverton, Oregon	1996-1997
Avenue of the Arts	Philadelphia, Pennsylvania	1993
Riverfront Promenade	Philadelphia, Pennsylvania	1993

Design Competition Management

Living Smart: Big Ideas Small Lots	Portland, Oregon	2004
...under Development: Block 76	Portland, Oregon	2002
Multnomah Village Mixed-Use	Portland, Oregon	2001
Institute for the Performing Arts	Portland, Oregon	2000
Impetus for Urban Exploration	Portland, Oregon	2000

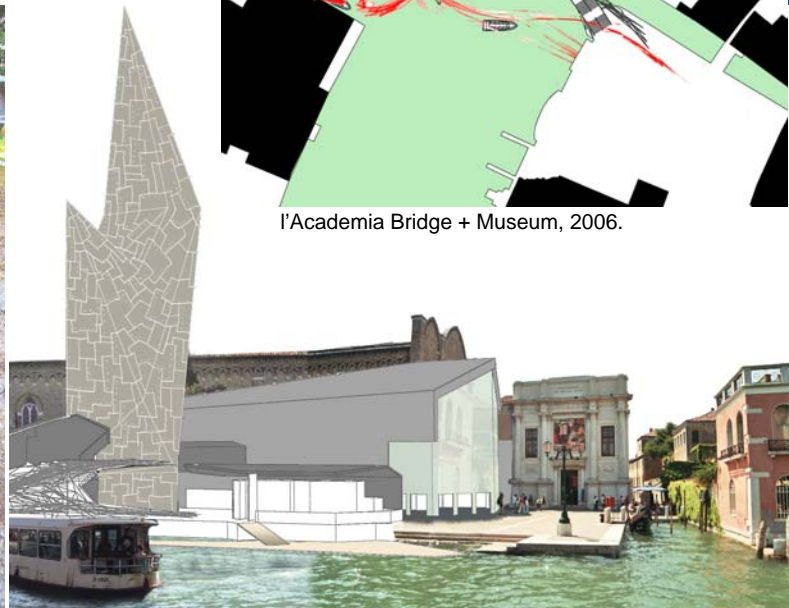
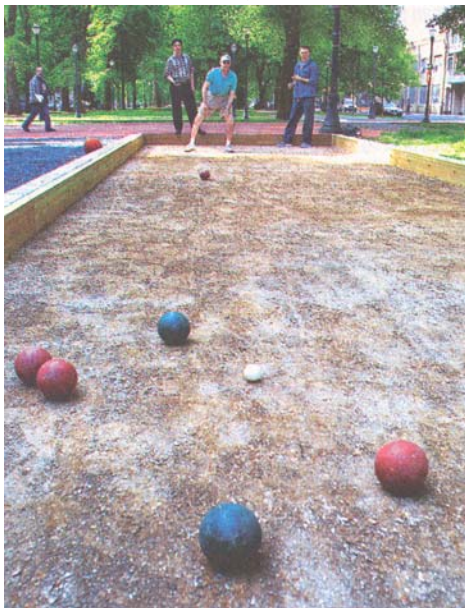


Tilikum Bridge, started by the Caruthers Crossing Rail Study, 1997.



l'Academia Bridge + Museum, 2006.

North Park Blocks Bocce, 2003.



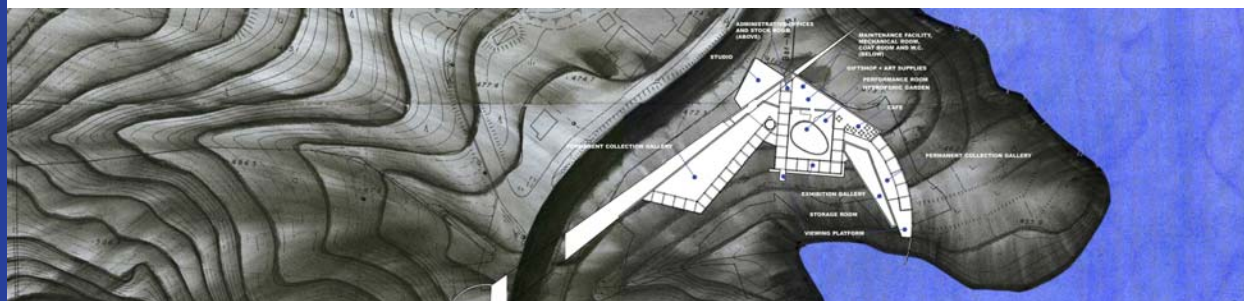
Selected Projects

Institutional

Union Rail Station	Portland, Oregon	2008-2011
Conditions Assessment Report	Yosemite National Park, California	2010
Bagby Hot Springs Guard Station	Mt.Hood National Forest, Oregon	2010
Oregon State Hospital	Salem, Oregon	2008-2010
Tilly Jane A-Frame Cabin	Mt.Hood National Forest, Oregon	2007-2010
La Academia Bridge + Museum	Venice, Italy	2006
Museum of the City	Portland, Oregon	2003-2004
Congregation Kesser Israel	Portland, Oregon	2000-2003
Tomihiro Museum of Shi-Ga	Gunma-Ken, Japan	2002
tkts Booth in Times Square	New York City, New York	2001
Freakshow Traveling Cinema	N/A: Transportable	1999
Four-Square Church	Portland, Oregon	1998
Portland Museum of Arts	Beaverton, Oregon	1997
Pioneer Pacific Camp	Thetis Island, BC, Canada	1996
Turtle Mountain Buddhist Monastery	Turtle Mountain, Oregon	1996
re:Create Artists' Retreat	Maryhill, Washington	1995

Commercial

Pal's Shanty Tavern	Portland, Oregon	2014
HiiH Art + Dance Studios	Portland, Oregon	2006-2007
Multnomah Commercial	Portland, Oregon	2004-2006
RL Custom Remodeling	Portland, Oregon	2004
Dietary Cooking Academy	Brooklyn, New York	2002
Souri's Boutique	Portland, Oregon	2001
Prairie Park Cinema	Yelm, Washington	2000
Portland Rock Gym	Portland, Oregon	1999-2000
Sundance Urban Cinema	Portland, Oregon	1999-2000
RPS Auburn Dist. Facility	Auburn, Washington	1999
Lake Stevens Cinema	Lake Stevens, Washington	1999
Kung-Fu Bakery Recording Studio	Portland, Oregon	1999
Nike Store	Dallas, Texas	1998
Hollywood Video Stores	OR, WA, ID & AK	1997-1998



Clockwise: Tomihiro Museum of Shi-Ga, 2002; Tilly Jane A-Frame Cabin, 2007-2010; and Nike Store, 1998.



Selected Projects

Mixed Use

Brianna + Janet Alberta Arts Tower	Portland, Oregon	2006, 2015
Parziale 5 Containers	Portland, Oregon	2009
Heider Building	Sheridan, Oregon	2008
Fulton Station	Portland, Oregon	1997-2004
delCastello Loft + Gallery	Portland, Oregon	2000-2003
the Twenty-One	Portland, Oregon	2001
Salmon Run	Salem, Oregon	2001
Dehen Place	Portland, Oregon	2001
Queens Plaza + Tower	Queens, New York	2001
Irvington Place	Portland, Oregon	1997-1998

Residential

Cannata Addition	Hillsboro, Oregon	2015
Freeman Kitchen	Battle Ground, Washington	2011
c.1895 Victorian	Portland, Oregon	2006-2007
Honme Dwelling [v.1+2]	Portland, Oregon	2004-2005, 2006-2007
deRidarbal Farmhouse	Beaverton, Oregon	2004-2007
Dubesa Remodel	Corbett, Oregon	2006
Sherman / Dea Veranda	Portland, Oregon	2005-2006
Povey Beach Studio	Manzanita, Oregon	2004
Throckmorton Kibbutz	Providence, Rhode Island	2003
Sokol Nest	Lake Oswego, Oregon	2003
Beeghly Gastronome	Portland, Oregon	2002
Caughlan Bathing Sanctuary	Portland, Oregon	2002
Armadillo Zen	Portland, Oregon	2002
delCastello Penthouse	Portland, Oregon	2000
reCycle Haus	Portland, Oregon	2000
Dragoon Addition	Portland, Oregon	1999
Myers Studio & Garage	Clackamas, Oregon	1999



Counter Clockwise:
Beeghly Gastronome, 2002;
Irvington Place, 1997-1998; and
Brianna + Janet Alberta Arts Tower, 2006.



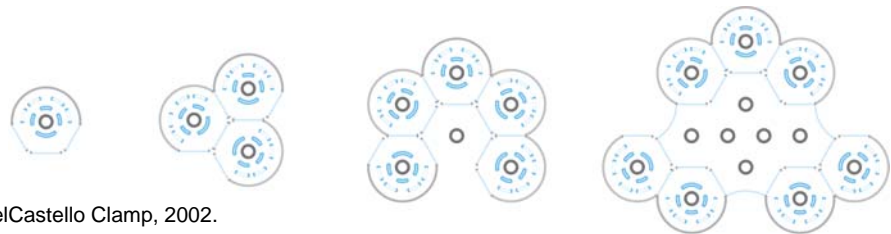
Selected Projects

Industrial Design

Echelon Audio Speaker	N/A: Transportable	2012
Icarus Articulated Wing	N/A: Transportable	2011
Penguin Animatronics	Oregon Lottery Commercial	2011
Borg Prosthetic	N/A: Transportable	2011
Nike 360° Pods	N/A: Transportable	2005
Dual-Prismatic Beam Splitter	Portland, Oregon [patent pending]	2004
Kinetic Glare Blocker	Portland, Oregon	1997-1998
Tensegral Pedestrian Bridge	Eugene, Oregon + Transportable	1996-1997
Self-Correcting Tensegral Node	N/A: Transportable	1996

Furniture

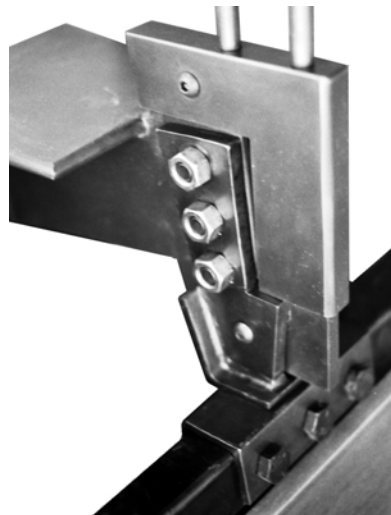
Fire Boudoir	Portland, Oregon	2012
Cat's Tail Rocking Throne	N/A: Transportable	2011
Cage Table Series	Foreplay Furnishings	2011
c.1926 Cabinet	Portland, Oregon	2007
Glass Clamp System	Portland, Oregon	2006
Ballet Étendre Barre	Portland, Oregon	2005
Fire Door Dining Table	N/A: Transportable	2005
Draco's Fyre Throne	N/A: Transportable	2005
Wall of Amir	Portland, Oregon	2002
delCastello Gallery	Portland, Oregon	2002
Souri's Hammered Desk	Portland, Oregon	2001
Englenook	Portland, Oregon	2001
Torpedo Fence	Portland, Oregon	2000
Tyee Group Kinematics	Portland, Oregon	2000
duPont / Corian Pavilion	N/A: Transportable	1999
Four-Square Alter	Portland, Oregon	1998
Conference Table	Portland, Oregon	1998
Sienna Window Display	Portland, Oregon	1997
1-Table	N/A: Transportable	1996
Igniter Lamp	N/A: Transportable	1989



Igniter Lamp, 1989.



delCastello Clamp, 2002.



Nike 360° Pods, 2005.



Selected Projects

Sculptural Installations

Ekho: Oregon Ballet Theater	Portland, Oregon	2012
Chala	Portland, Oregon	2010
PAAG Touchstone	Portland, Oregon	2008
Chaos Carousel	West Coast Tour	2007
Water in the Desert Memorial Pyre	Portland, Oregon	2007
Shade Catcher	Gerlach, Nevada	2005 + 2006
UAN Kinematic Space	Portland, Oregon	2006
Marti's Garden	Portland, Oregon	2005
UAN Crystal Shard	Portland, Oregon	2005
Fire + Ice Palace	Portland, Oregon	2005
Pearl [para]SITE	Portland, Oregon	2005
Alberta 100	Portland, Oregon	2005
Desert Phoenix	Lake Bronson, Washington	2005
Pentagon 9.11 Memorial	Washington, D.C.	2002
Guns in the Hands of Artists	Portland, Oregon	2001
Architectural Nightmares	Portland, Oregon	1997
Uchida Canopy	Eugene, Oregon	1997
Rain Catcher	Eugene, Oregon	1996

Graphic / Web Design

Shakti Yoga	Hyperspace	2014
Greenhouse for Giving	Portland, Oregon	2007
Kate Ramsey Iyengar Yoga	Hyperspace	2006
David Lochtie Fine Art	Hyperspace	2006
Grayscale Arts	Hyperspace	2005
Sierra Club	National	2005
University of Pennsylvania	Hyperspace	2002-2004
City of Portland	Portland, Oregon	2003-2005
Artspace inc	Portland, Oregon	2000-2003
American Institute of Architects	Portland, Oregon	1997-2003
Architectonics: Science of Architecture	Hyperspace	1994-1995
Queen Bead	Durango, Colorado	1992

Chala, 2010.



Guns in the Hands of Artists, 2001.



Tensile Raincatcher, 1996.



Selected Projects

Event Production + Management

Mad Hatter Tea Party	Portland, Oregon	2015
Lupercalia: Din Din	Portland, Oregon	2015
Nyotaimori Catering	Portland, Oregon	2008-2015
Aerial Without Limits Dance Collective	Portland, Oregon	2009-2015
Sweet Medicine	Portland, Oregon	2006, 2008, + 2015
Cirque du Soleil: Totem	Portland, Oregon	2014
Northwest Dance Project	Portland, Oregon	2012-2014
Skunk Train	Fort Bragg, California	2012, 2014
DoJump! Extreme Physical Theatre	Portland, Oregon	2008-2014
tEEth Dance Company	Portland, Oregon	2007-2012
Jamballah NorthWest	Portland, Oregon	2011
Night of Kink	Portland, Oregon	2008-2011
Eclipse: Music, Dance + Circus	Portland, Oregon	2010
¡PowderKeg! Marching Band	Portland, Oregon	2009-2010
Eros Festival	Portland, Oregon	2009
Dia de los Muertos Procession	Portland, Oregon	2007-2008
Howl	Portland, Oregon	2005-2008
Societas Insomnia v.2-5	Portland, Oregon	2005-2006
Love Parade	Portland, Oregon	2006
Ignite Fashion Show	Portland, Oregon	2005
Atelier Z Art Gallery	Portland, Oregon	2000-2003
American Institute of Architect	Portland, Oregon	1997-2003
Portland Institute for Contemporary Art	Portland, Oregon	1997-2002



Clockwise: Societas Insomnia, 2005-2006; Cirque du Soleil, Totem, 2014; and Ignite Fashion Show, 2005.



Selected Projects

Performance Art

Vespertine Ball	Portland, Oregon	2015
Wraith Daddy	Signal Productions Short Film	2015
Synesthesia Festival	Portland, Oregon	2015
Grimm, s03e16, "The Show Must Go On"	NBC Television	2014
Fusion:words "Muse"	Portland, Oregon	2014
Ilima Considine Music Videos	"Willy on Willy" + "Water Under Burning Bridge"	2013
Apocalypse Ball	Portland, Oregon	2013
Animus Vox	Portland, Oregon	2013
Animalia: Krampus Nacht Ball	Portland, Oregon	2012 + 2013
Immortalia: Vampyre Ball	Portland, Oregon	2011
Seraphic Society	Portland, Oregon	2009-2010
¡PowderKeg! Marching Band	Portland, Oregon	2009-2010
Dead Men Tell No Tales	Portland, Oregon	2009-2010
Bogville: Eye of Retribution	Portland, Oregon	2009
East Meets West	Portland, Oregon	2005-2008
"Lady Wasteland: Episode Two, Rules of the Road", Television Program		2007
Harmos: Hiroshima Memorial	Portland, Oregon	2007
Water in the Desert Ritual	Portland, Oregon	2007
Chaos Carousel	West Coast Tour	2007
Woolly Mammoth Comes to Dinner	Portland, Oregon	2007
SloMo	Portland, Oregon	2006
Sol Ball	Portland, Oregon	2006
ePheMere	West Coast Tour	2006
UAN Kinematic Space	Portland, Oregon	2006
Serpentine	Portland, Oregon	2005-2006
Angoisse della Macchina Opera	Portland, Oregon	2005
Water Ritual	Portland, Oregon	2005
"Child of Pleasure", CoHo Theatre	Portland, Oregon	2003

Wraith Daddy, 2015.



Child of Pleasure, 2003.



Lady Wasteland, 2007.



Selected Projects: Port Rashid Masterplan

w/ colab architecture + lamb design studios

dubai, uae



Within the Port Rashid Masterplan, are the Grand Arabian Canals of Peregrine Point. This masterplan explores an urban fabric at the scale of Venice. The composition focuses on views to the water, produced by breaking apart an otherwise continuous southern arc. The composition takes it cues from the surrounding Arabian architecture which responds to the extreme climate by designing small and efficient apertures and overhangs which deflect the sun's strong rays. The area shall provide housing for 20,000+ people plus all accessory retail, business and entertainment uses.

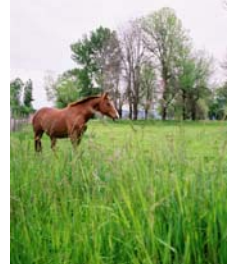
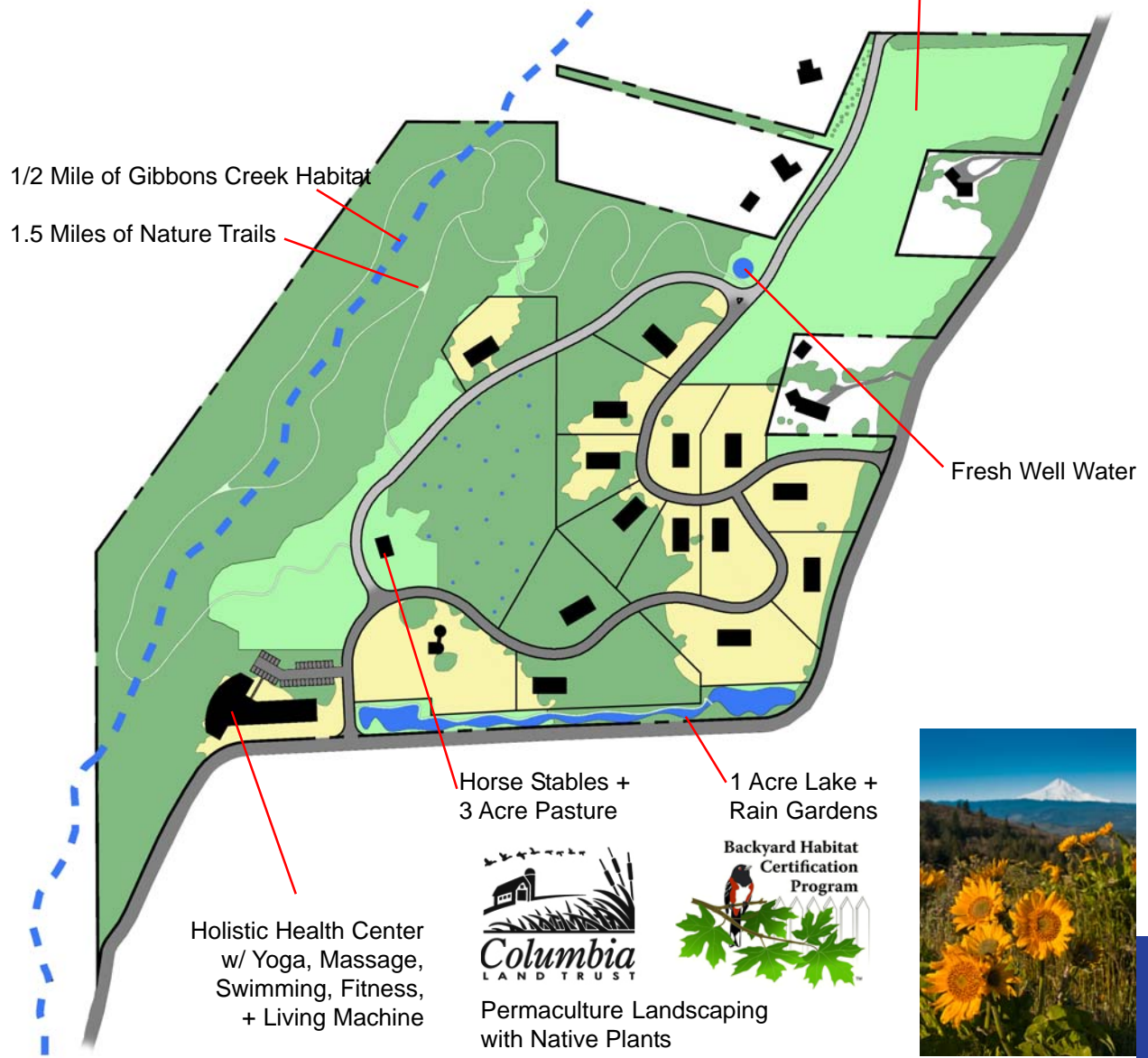


Selected Projects: Sunset View Masterplan

78.17 Acres with 15 Residential Lots
 \$1,536,075 Potential 1-3 Acre Undeveloped Lot Sales
 \$4,432,761 Potential 5 Acre Cluster Lot Sales

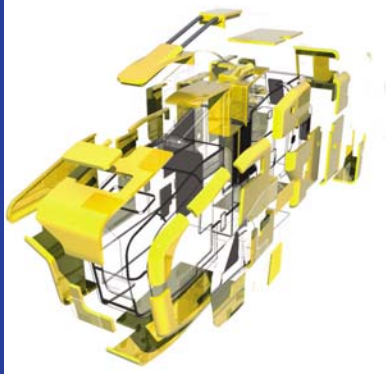
washougal, washington, usa

11 Acres of Community Agriculture +
 Wildflower Meadows



Selected Projects: Living Smart Design Competition

portland, oregon, usa



The Living Smart: Big Ideas for Small Lots project is a competition for the design of affordable single-family detached housing on very narrow lots. The goal of this project is to create a catalogue of house designs that can be built on 25-foot wide lots. Designs that meet the needs of first-time homebuyers, provide design compatibility with a variety of neighborhoods, and respond to a range of market demands are all desired outcomes.

This is not simply an "ideas" competition, but one that seeks to create a dialogue between designers and builders. In Phase III, up to five designs might be built.

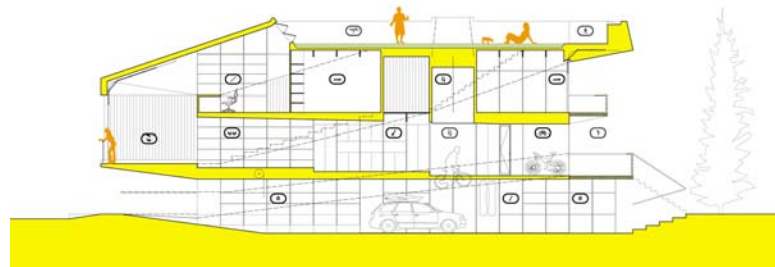


The first phase of judging was completed Friday, September 10, 2004 with the announcement of 49 Design Excellence winners. From a field of 426 entries arriving from 21 countries, the seven-member international jury based their decisions primarily on the degree to which submitted designs addressed the following design values:

- * Pleasant and predominant pedestrian entrance;
- * Minimize blank front and garage dominance;
- * Interaction of public and private space;
- * Privacy for residents; with an enhanced view of the street;
- * Range of lifestyle choices for the space; and
- * Use of sustainable technologies.



In addition to the design values, jury members selected house design that best conveyed design innovation, high-quality neighborhood livability; and clarity in communicating the intent of the design.



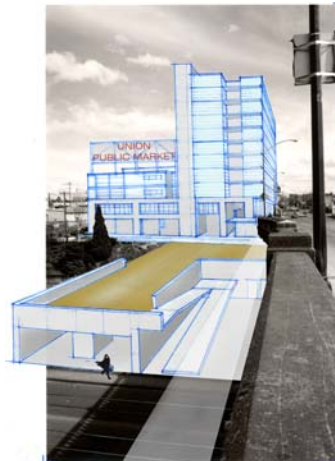
Selected Projects: Block 76 Charette

portland, oregon, usa

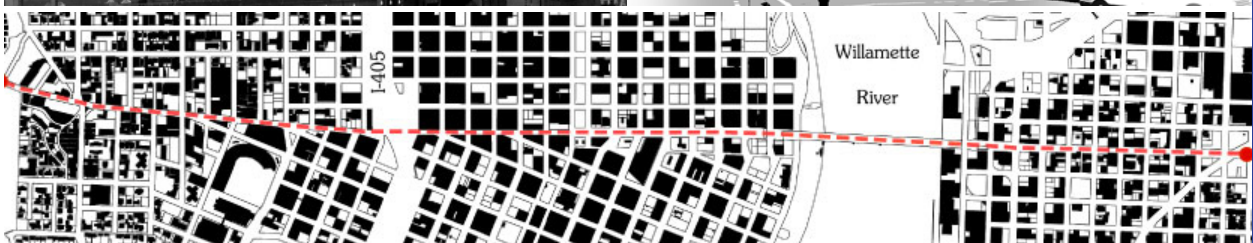
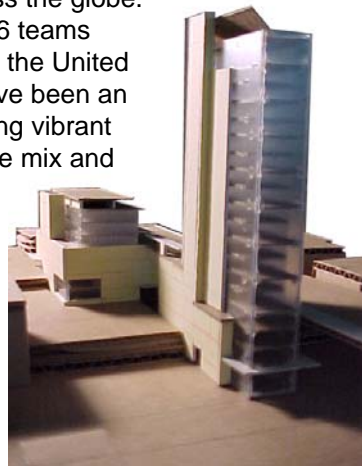


The "Yard" 21-story apartment building, designed by Skylab Architecture for Key Development Co. of Hood River and Guardian Real Estate Services of Portland is being built on the Burnside Bridghead's Blocks 67 + 76, inspired by this earlier design competition. The development will include 284 units of apartments and 20,000 square feet of retail space.

In cooperation with the Mayor's Design Initiative for the City of Portland, we ran a theoretical design competition for a "Mixed-Use Urban Gateway Mid-Rise" at Block 76 (East PDX, @ Burnside + MLK). The site is at the base of the Burnside Bridge (one of the two primary traffic corridors for downtown Portland) and just a few blocks from both the new Eastbank Esplanade and the Rose Garden Arena. It is currently being evaluated for future design and construction as a 6-10 story building composed of mixed-uses with a light industrial leaning by the Portland Development Commission. We had 17,603 inquiries from across the globe. From these inquiries, we had 46 teams register from eight cities across the United States. These competitions have been an exceptional opportunity for young vibrant minds to cast their ideas into the mix and see what we could stir up.

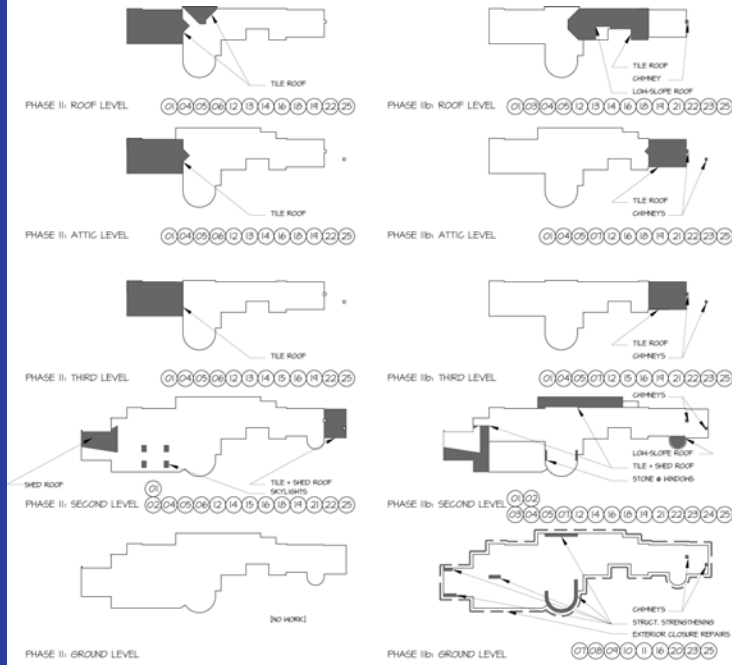


Charette Designs:
 Robert Esau / Mark Raggett,
 Jill Enomoto / Brandon Sanchez,
 Richard Grace / Edward Running / Ian Gelbrich / Gabriela Quiñones,
 Jesse Graden and
 Stephen Weeks / Cynthia Mosby /
 David Gabriel



Selected Projects: Union Rail Station
w/ architectural resources group

portland, oregon, usa



Exterior Envelope:

- 01. Remove and Replace Roof Tiles
- 02. Remove and Replace Standing Seam Roofing
- 03. Remove and Replace Low-Slope Roof Membrane
- 04. Add Sheathing over [E] Historic Roof Decking
- 05. Gutter, Soffit, Fascia, and Downspout
- 06. Repair / Replace Skylight
- 07. Repair Windows
- 08. Repair Terracotta / Sandstone Elements
- 09. Repair Cement Plaster / Seal Sidewalk @ Base
- 10. Repair Sliding Doors
- 11. Repair Swinging Doors
- 12. Repair Roof Rafters, as needed
- 13. Dormer Ventilation
- 14. Remove Vent Stacks

Interior Areas + Finishes:

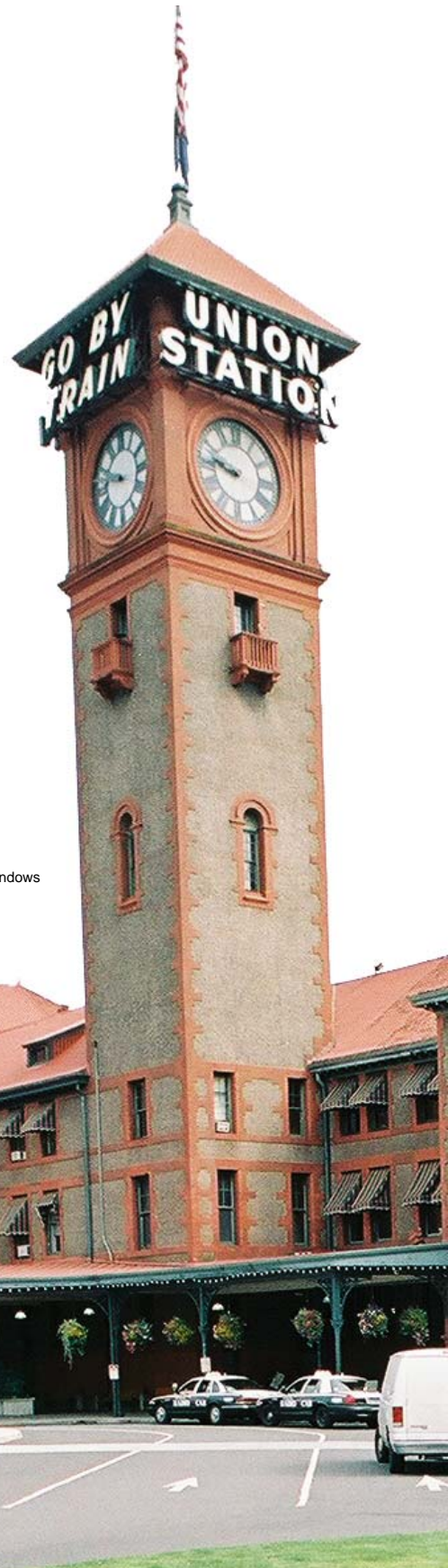
- 15. Mold Abatement, as req'd by construction
- 16. Lead Abatement, as req'd by construction
- 17. [number not assigned]

Energy Code:

- 18. Add Insulation at Ceiling / Attic

Structural Systems:

- 19. Wall / Floor Anchors @ Roof
- 20. Shear Wall Addition
- 21. Out-of-Plane Bracing
- 22. Diaphragm Strengthening
- 23. Fill / Stabilize Chimneys
- 24. Re-Attache Marble Veneer @ Covered Windows
- 25. Roof Sheathing



Selected Projects: Prairie Park Cinema

w/ wph architecture inc.

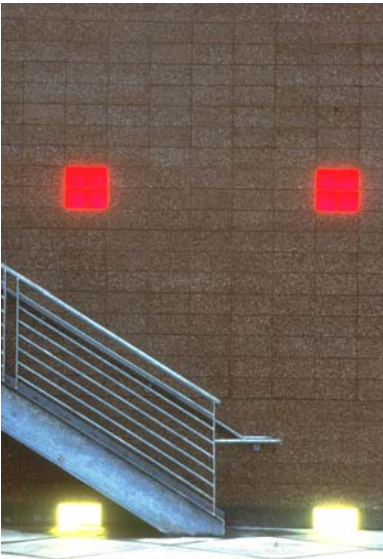
yelm, washington, usa



As the first constructed component for the emerging Prairie Park Retail and Convention Center, this seven-screen cinema is design for future expansion. It currently serves as a community gathering space and cafe for the folks of Yelm. The glass of the lobby frames a beautiful panorama of Mt. Ranier.



Masonry Institute Award, 2001

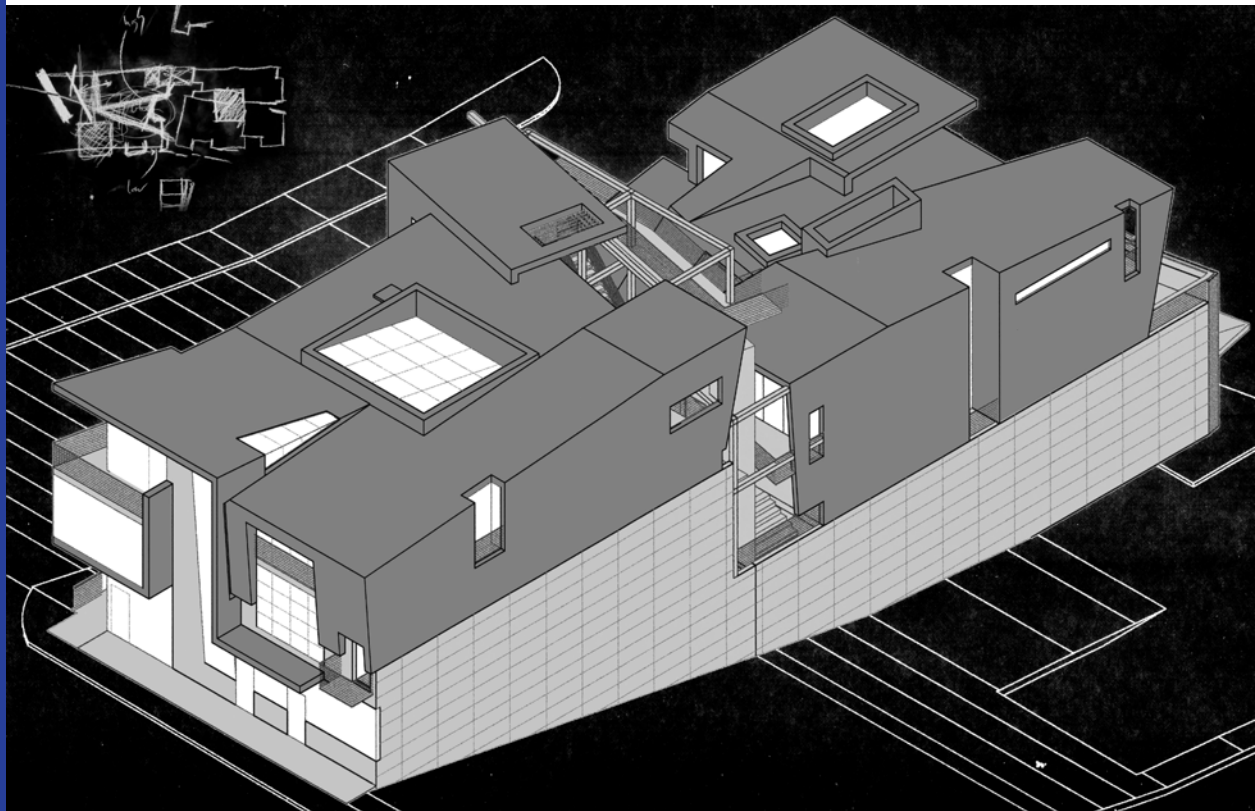
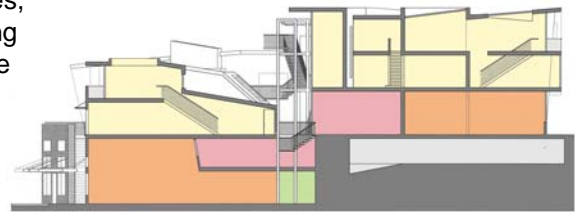


Selected Projects: Fulton Station

portland, oregon, usa



This project creates a strong pedestrian retail experience within a wonderfully rich neighborhood created from the pioneering spirit of early Portland. Urban loft living spaces will inspire this sense of community by recognizing its historic roots, and not foster the detrimental affects of recent snout housing. The pedestrian faces along Capitol Highway and Troy Street will be augmented with retail storefront. Making use of the 19' slope along S.W. 36th Avenue, divisible office space and parking were slid in under the composite building mass. The mixed-income residential spaces are a composite of 'real artist' loft rentals and for-sale townhomes, but they all have a strong sense of space, ample light and ventilation.

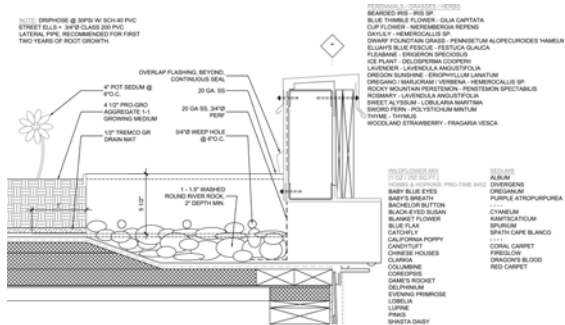


Selected Projects: Multnomah Commercial

portland, oregon, usa



This mixed-use building of two retail spaces and three offices was designed to augment the historic character of Multnomah Village as they are aiming to become a National Registered District. The original schematic design for the entire “Fulton Station” block was scaled back post 9/11 recession, but the retaining walls and stormwater treatment are in place to allow for the potential realization of the entire original design in the future.



D1 ECEROOF CONSTRUCTION DETAIL



Fredrick H. Zal

Selected Projects: *Souri's Boutique*

w/ lamb design studios

portland, oregon, usa



Souri's

Enhancing the Spirit of Fine Living

Located in Portland's burgeoning Pearl District, Souri's is a worldly Gift and Accessory shop rich in color and flavor. The centerpiece to the space is a spiraling pewter Jewelry display case hand-hammered by a local artisan.



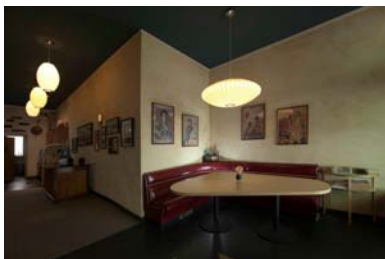
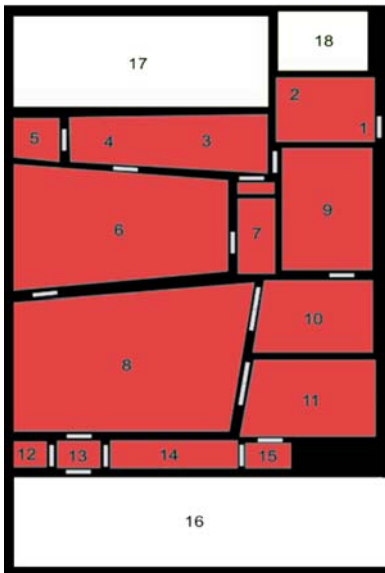
Selected Projects: Kung-Fu Bakery Recording Studio

w/ wph architecture inc.

portland, oregon, usa



Kung Fu Bakery Recording Studios is not an Asian donut shop, but the finest multi-room, music-making environment in the region. With an impressive list of vintage and digital gear, along with a roster of award-winning engineers and producers, your music will be in good hands from start to finish.



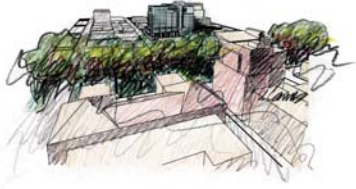
Fredrick H. Zal

Selected Projects: Dehen Building

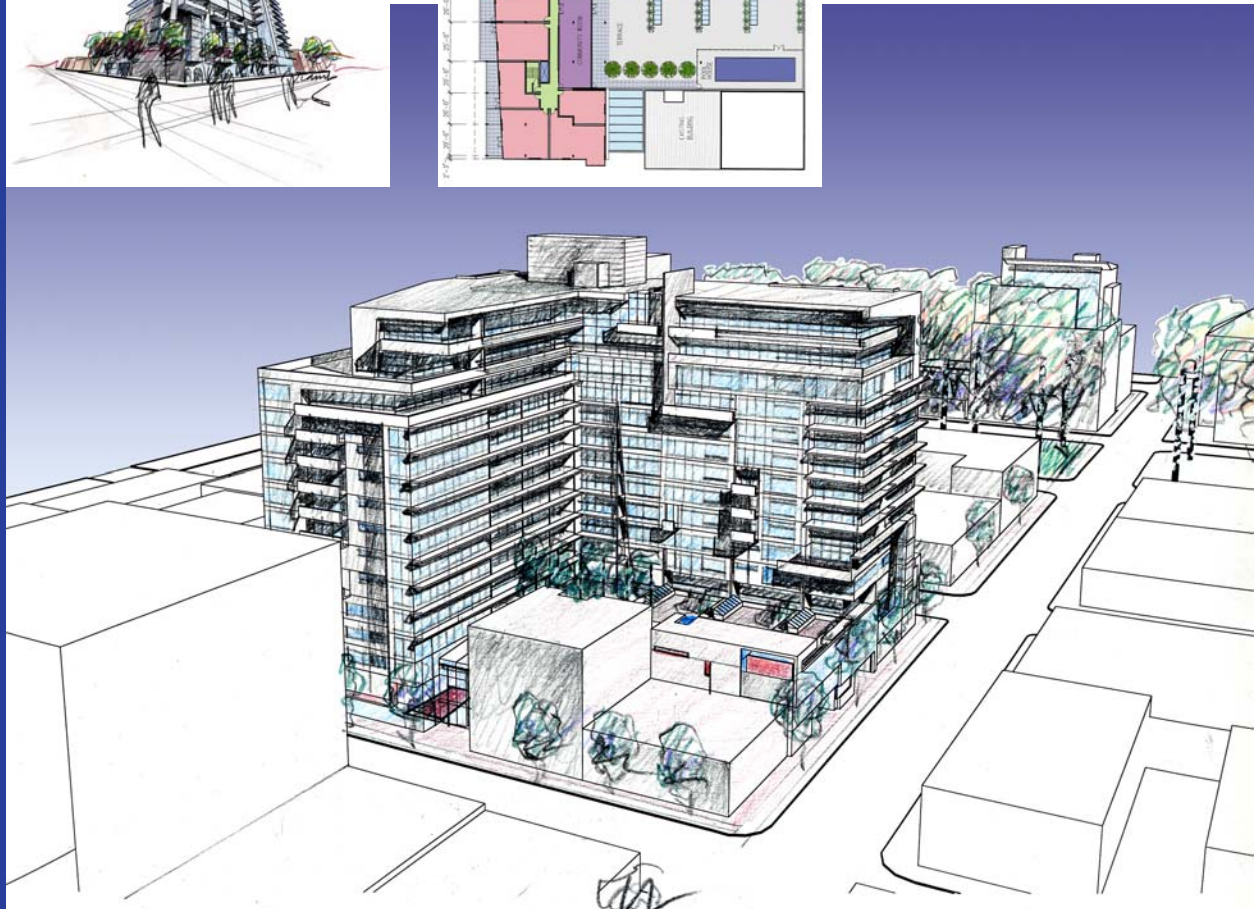
w/ lamb design studios

portland, oregon, usa

The Dehen Building is a 15 story mixed-use tower located in the heart of Portland, Oregon. It is integrally composed of retail, offices, apartments, penthouses, and walk-up townhouses; all with direct access to the new Central City Streetcar line, the arts district and the Park Blocks. The primary motivation of the design was to allow for ample daylight to every unit and the shared outdoor spaces, while creating an provokative high-density urban form.



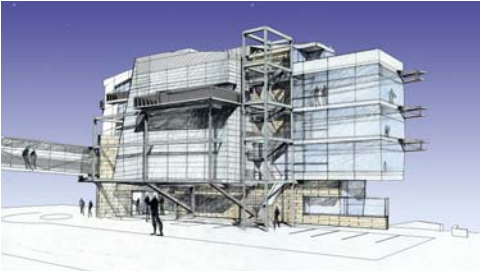
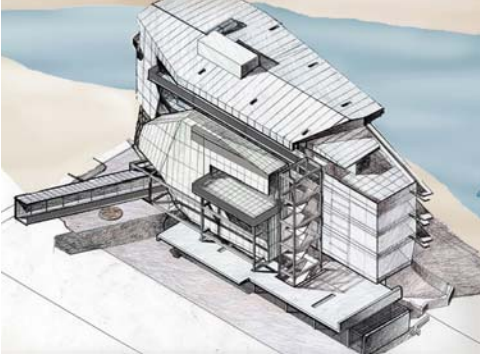
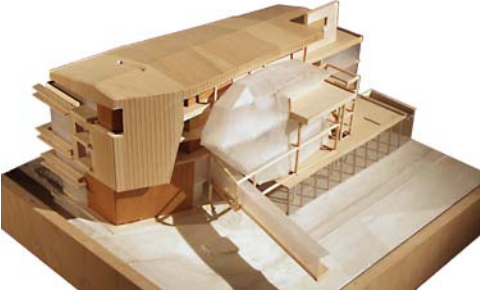
rebranded and built as the "Metropolitan"



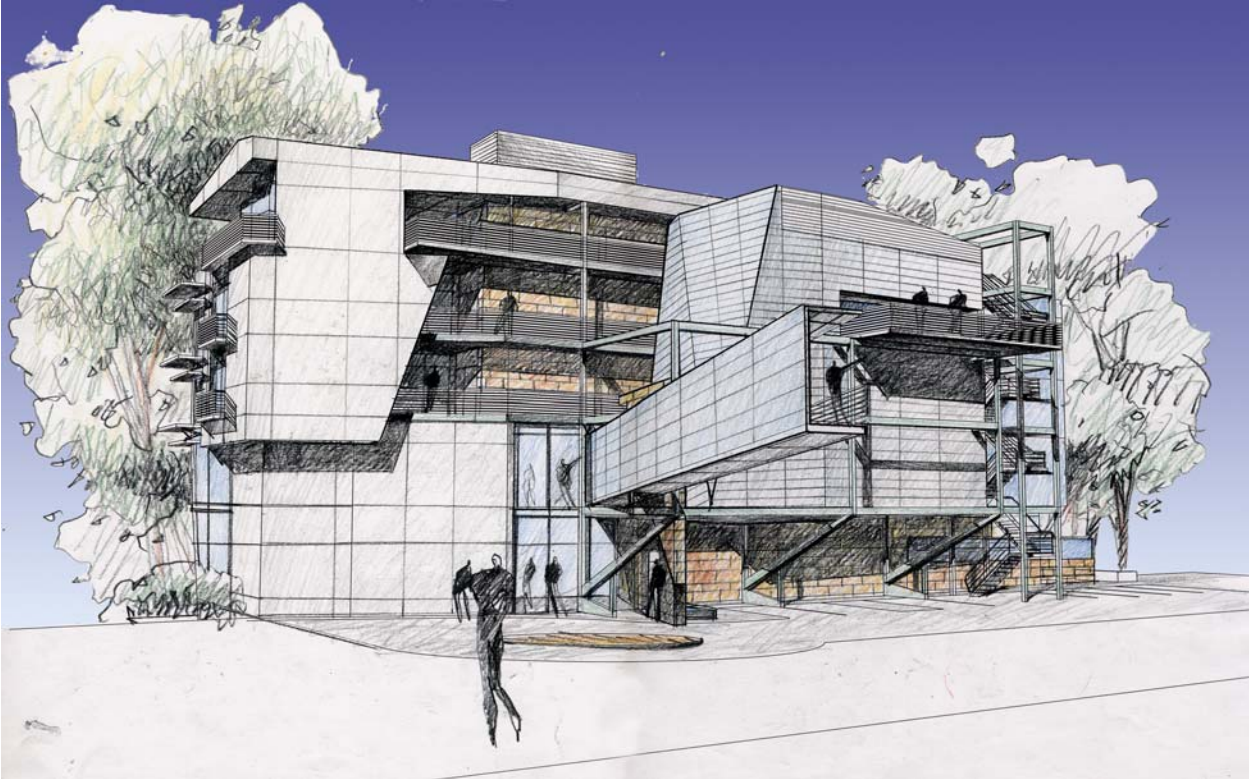
Selected Projects: Salmon Run

w/ lamb design studios

salem, oregon, usa



A new mixed-use building located in the heart of downtown Salem, Oregon, the building's program includes three stories of office and three stories of condominiums. The 35,000 s.f. building is situated between an existing three story parking garage and Pringle Creek. A translucent bridge connects to the parking structure providing spaces for the office components. The building's shared spaces, such as the offices' conference area, are pulled out of the core building creating a translucent floating crystal. Large trees along the riverfront define the building's long narrow footprint while the floor plates swell out toward the river as the building grows in height.

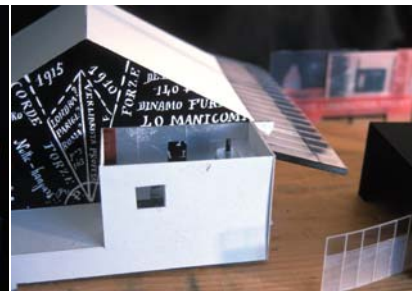
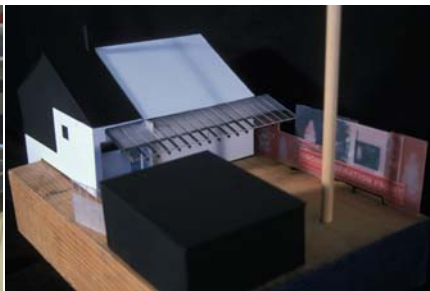


Selected Projects: *Beeghly Gastronome*

portland, oregon, usa



This kitchen enhancement is the first phase of a larger vision for the home of a former Parisian gourmet chef. Becoming a fusion of 1950's Americana and an industrial restaurant, there is a lot of beautiful craft within this petite Portland bungalow.



Selected Projects: Sherman | Dea Veranda

portland, oregon, usa



To bring back the historic character of this beautifully restored Laurelhurst home, a broad veranda was designed in the context of the neighborhood. The sumptuous wood construction is carefully crafted using a blend of Pacific Northwest and Japanese Shinto Timber-Framing techniques.



historic porch, c.1911



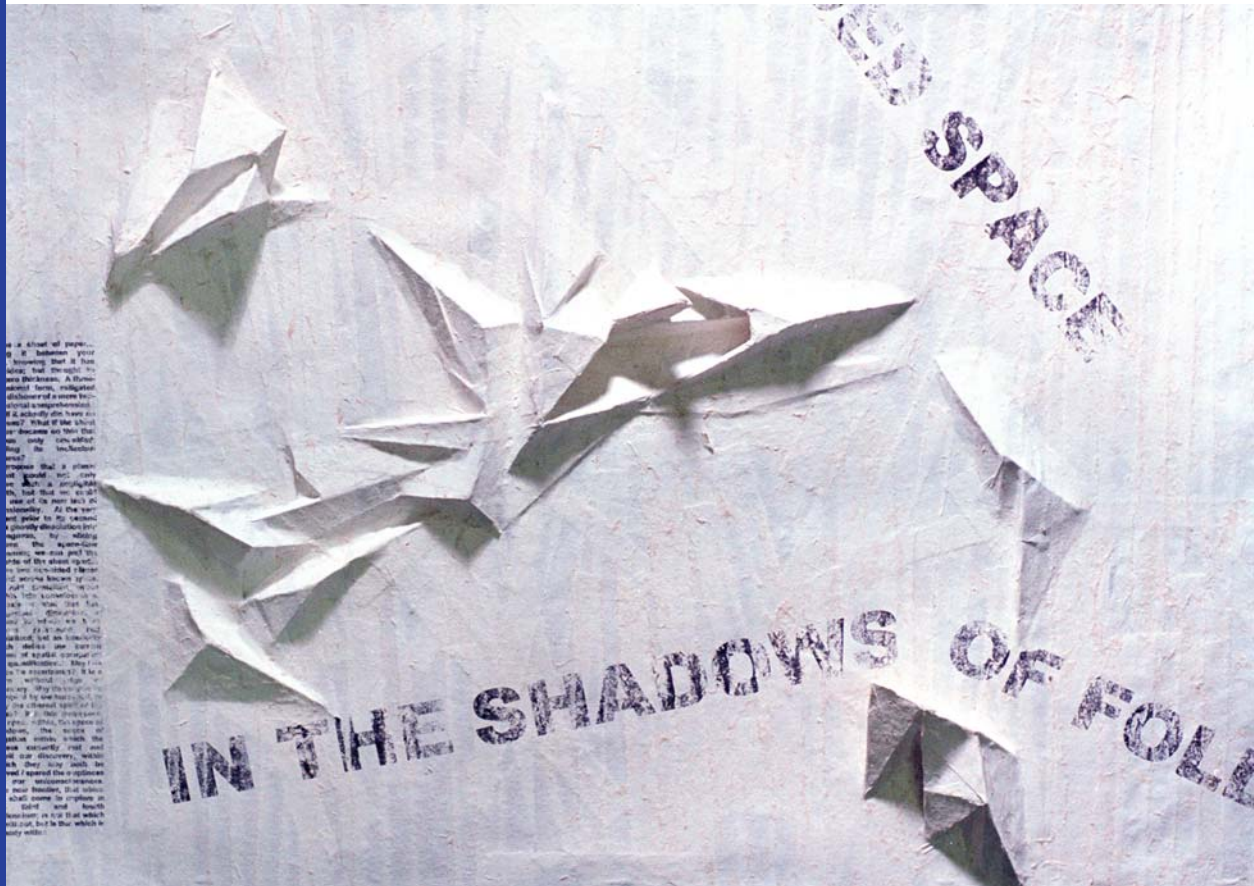
Selected Projects: *Shinkenchi*

dwelling where the muses are served / spared emptiness tokyo, japan



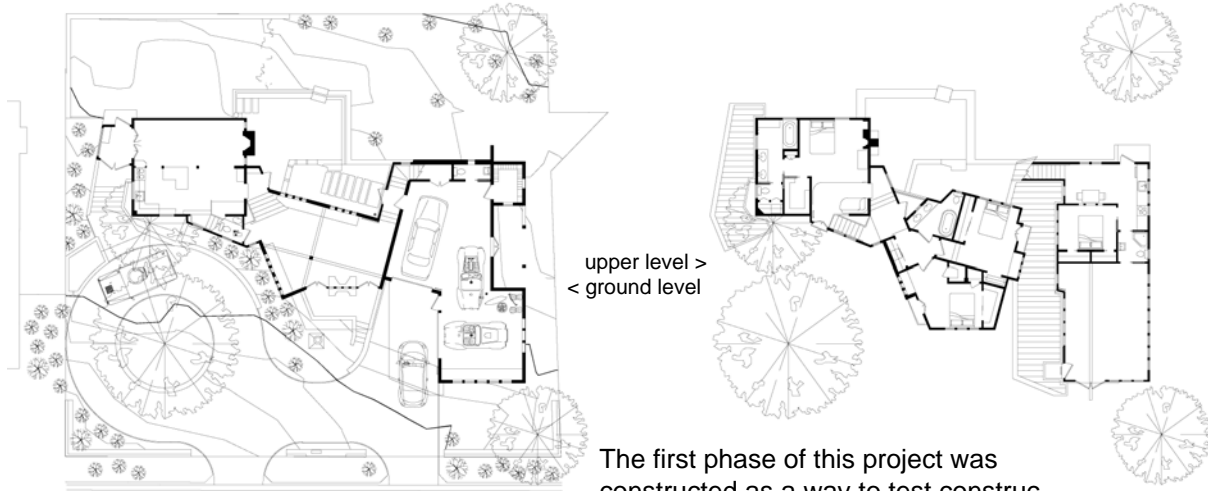
"IN THE SHADOWS OF FOLDED SPACE"

Imagine a sheet of paper... Holding it between your hands, knowing that it has two sides; but thought to have zero thickness. A three-dimensional form, mitigated to the dishonor of a mere two-dimensional comprehension. What if it actually did have no thickness? What if the sheet of paper became so thin that it was only one-sided; shedding its ineffectual thickness? We propose that a planar element could not only achieve such a negligible breadth, but that we could make use of its new lack of dimensionality. At the very moment prior to its second side's ghostly dissolution into nothingness, by slicing between the space-time continuum; we can pull the two sides of the sheet apart... As the two one-sided planes expand across known space, the void contained within unfolds into consciousness. An exterior skin that has recognizable dimension, a method to which we have become prescribed and normalized; yet an interiority which defies the current realms of spatial occupation and quantification... May this space be ascertained? It is a realm without edge or boundary. May its volume be occupied by the terrestrial, or only the ethereal spirit of the muse? It is this zero-space, the space within, the space of shadows, the space of negation within which the muses currently rest and await our discovery, within which they may both be served / spared the emptiness of our un/consciousness. The new frontier, that which we shall come to explore in the third and fourth millennium; is not that which is without, but is that which is already within.



Selected Projects: deRidarbal Farmhouse

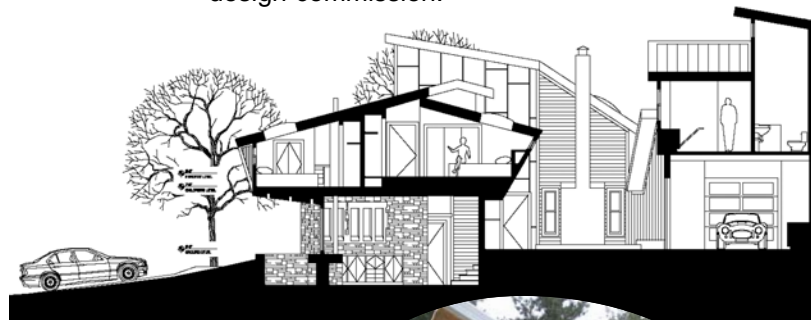
portland, oregon, usa



The first phase of this project was constructed as a way to test construction techniques and to soften the impact upon the neighborhood association's design commission.



Empathic Vector Model

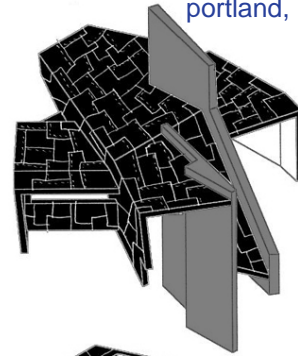


Phase I

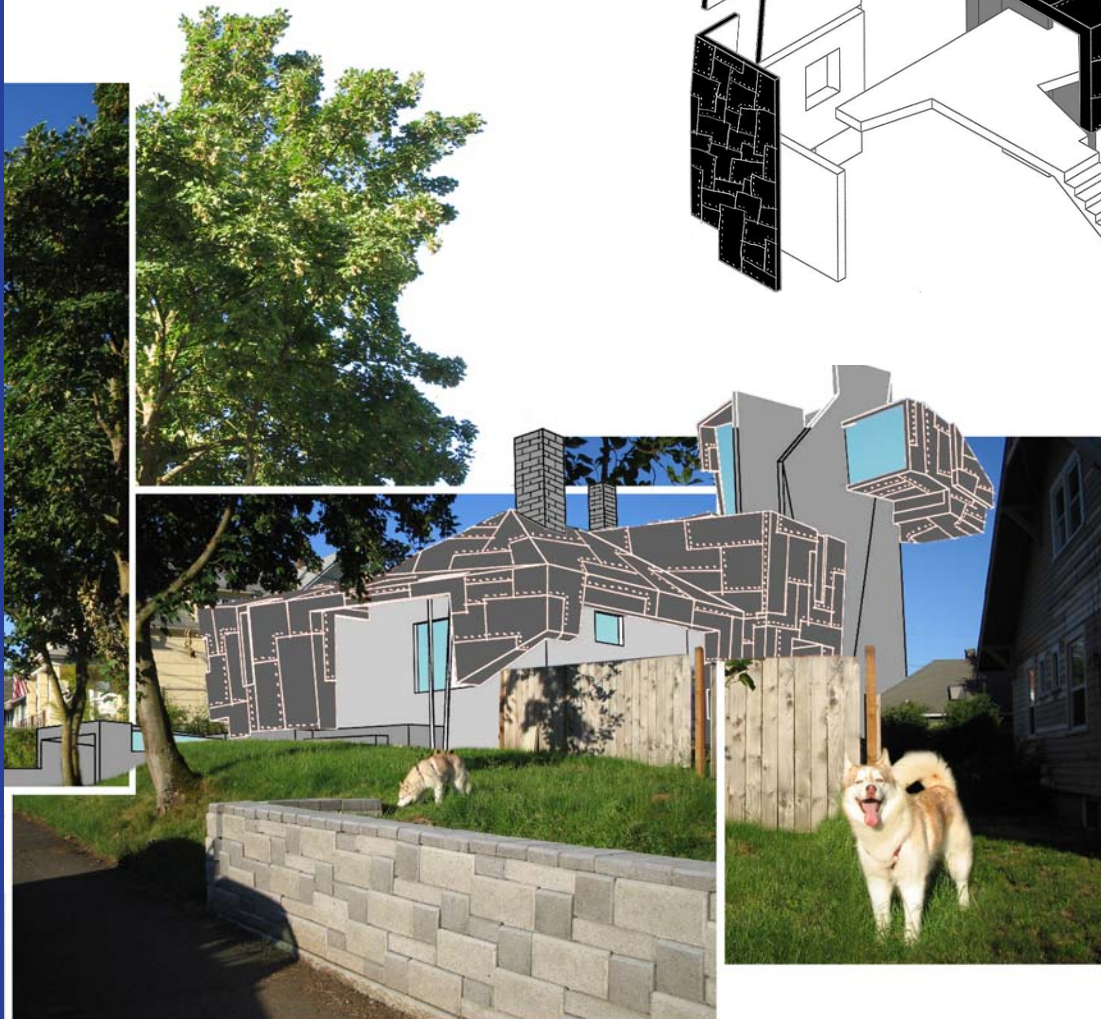
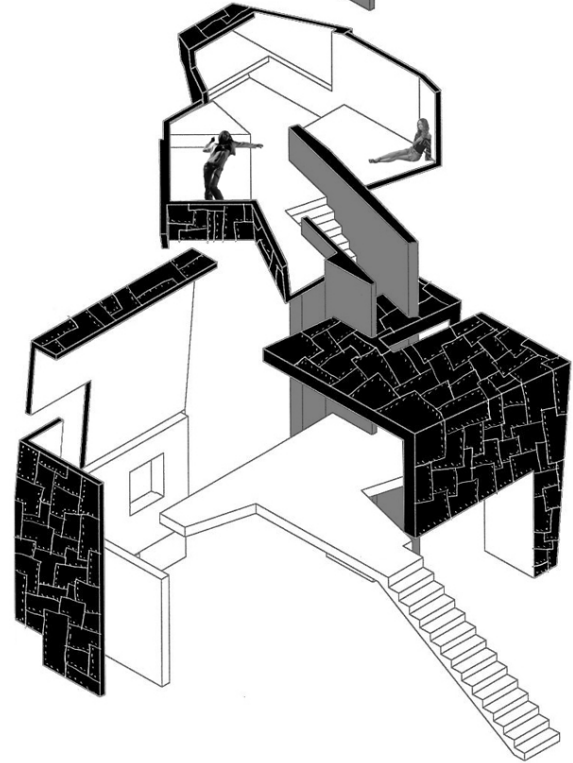


Selected Projects: Honme Dwelling

portland, oregon, usa



The unfolding form of this dwelling is based upon a series of incredible discussions between the client and architect about space, form, sociology, aesthetics, the delicate warm light found in the film "La Double Vie de Véronique" by Krzysztof Kieslowski, the morphological systems of 1850's crystallography by Struver, concepts of materiality as it pertains to both contemporary Japanese minimalism and also Ned Ludd's theories of a luddite society [ala "Brazil", "12 Monkeys", "City of Lost Children", "Matrix"...].



Selected Projects: Armadillo Zen House

seattle, washington, usa

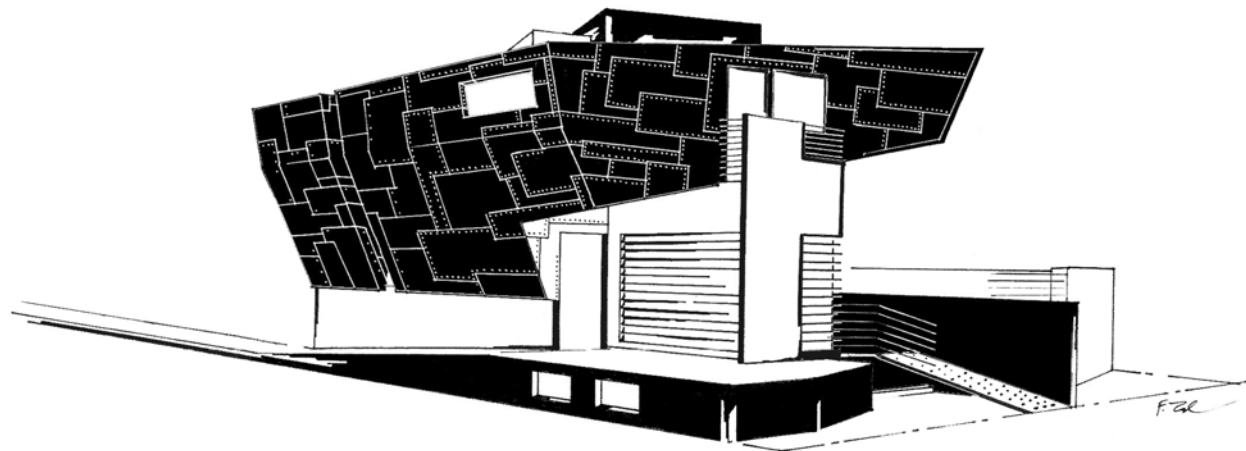
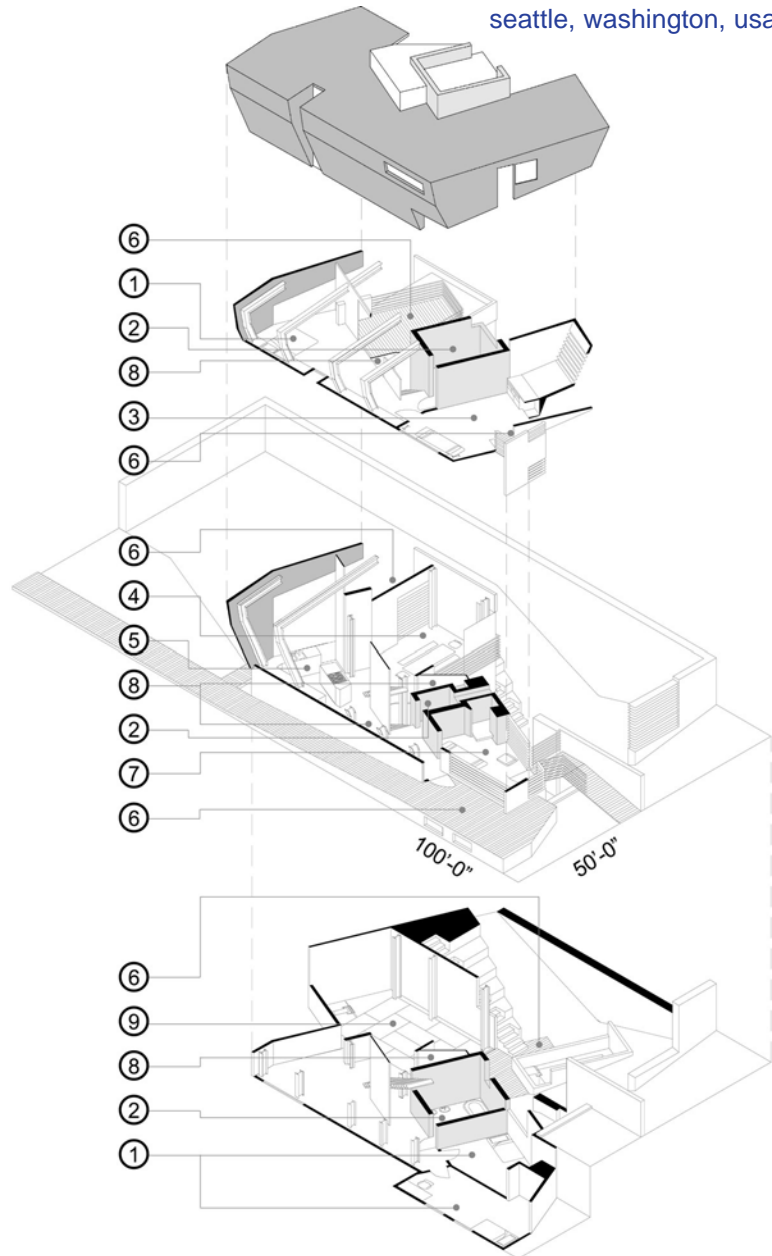
Growing from the mass of the earth, this folded land/form domus carves out a sanctuary from the chaotic world around it, while still maintaining ample solar views of the sky above. Its riveted zinc skin folds over a steel frame to protect its back, while its soft wooden underbelly stretches out into the warming sun of a sunken basalt courtyard garden. Locking together the fracturing shards are a vertical concrete mass [bathing/hearth] and glass spike [stairs/cooling stack].

The master suite, kitchen and dining areas receive early morning sunlight over the rear wildflower meadow. As the sun sets over the reflecting pool, video projection upon the periphery walls may be viewed from the dining room, dojo, library and decks. With the choice of many wooden decks or a grass eco-roof, one can bask in the sun from sunrise to sunset.

1. Sleeping Space
2. Bathing Sanctuary
3. Research Studio
4. Dining Space
5. Cooking Space
6. Sun Deck
7. Discussion Hearth
8. Fine Arts Gallery
9. Martial Arts Dojo

Project Statistics:

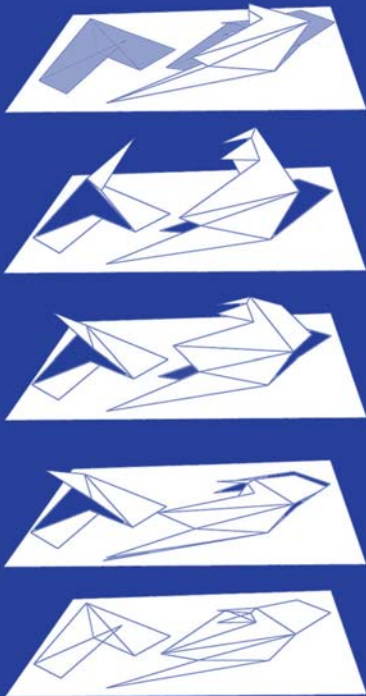
Second Floor: 650 sq.ft. + 2 decks
 Entry Floor: 800 sq.ft. + 2 decks
 Ground Floor: 1,000 sq.ft. + deck / reflecting pool



Selected Projects: duPont | Corian Pavilion



As the form emerges in folds from the sheet, it's planer mediocrity transforms into an engaging dynamism.

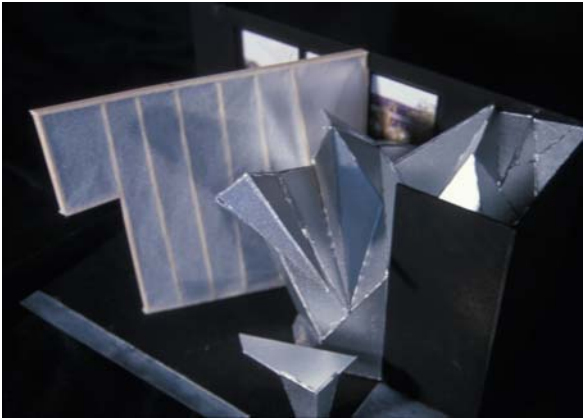


When we were first approached by duPont / Corian to design a transportable exhibition pavilion for them, we were quite intrigued by the design direction which the company was taking; "We're not just countertops any more!" A sharp break from their functionalist past. Our experimentation into the material's potential evolved within two distinct areas: 1) Being a sheet good, Corian can be manipulated and formed into countless morphologies. 2) Thin profiles of Corian become translucent and transcend this typically banal material into a sexy gossamer skin. These investigations began to have a strong relationship with the bent plywood works of Aalto; the cad/cam work being done locally for Gehry's EMP; origami, and a slew of other fractured, shattered and twisted models. The fabricators, whom have tooled corian for years; are fascinated and anxious to test the possibilities of their craft.



Selected Projects: Wall of Amir

portland, oregon, usa



To spur creative dialogue amongst the faculty of Portland State University's Department of Architecture, a design competition was put in motion for a new dual faculty office.

Based upon the theoretical balance between solid / void and illumination / darkness that is at the core of the school's teaching pedagogy, this space is designed to allow student an opportunity to construct a space integral to their studies.



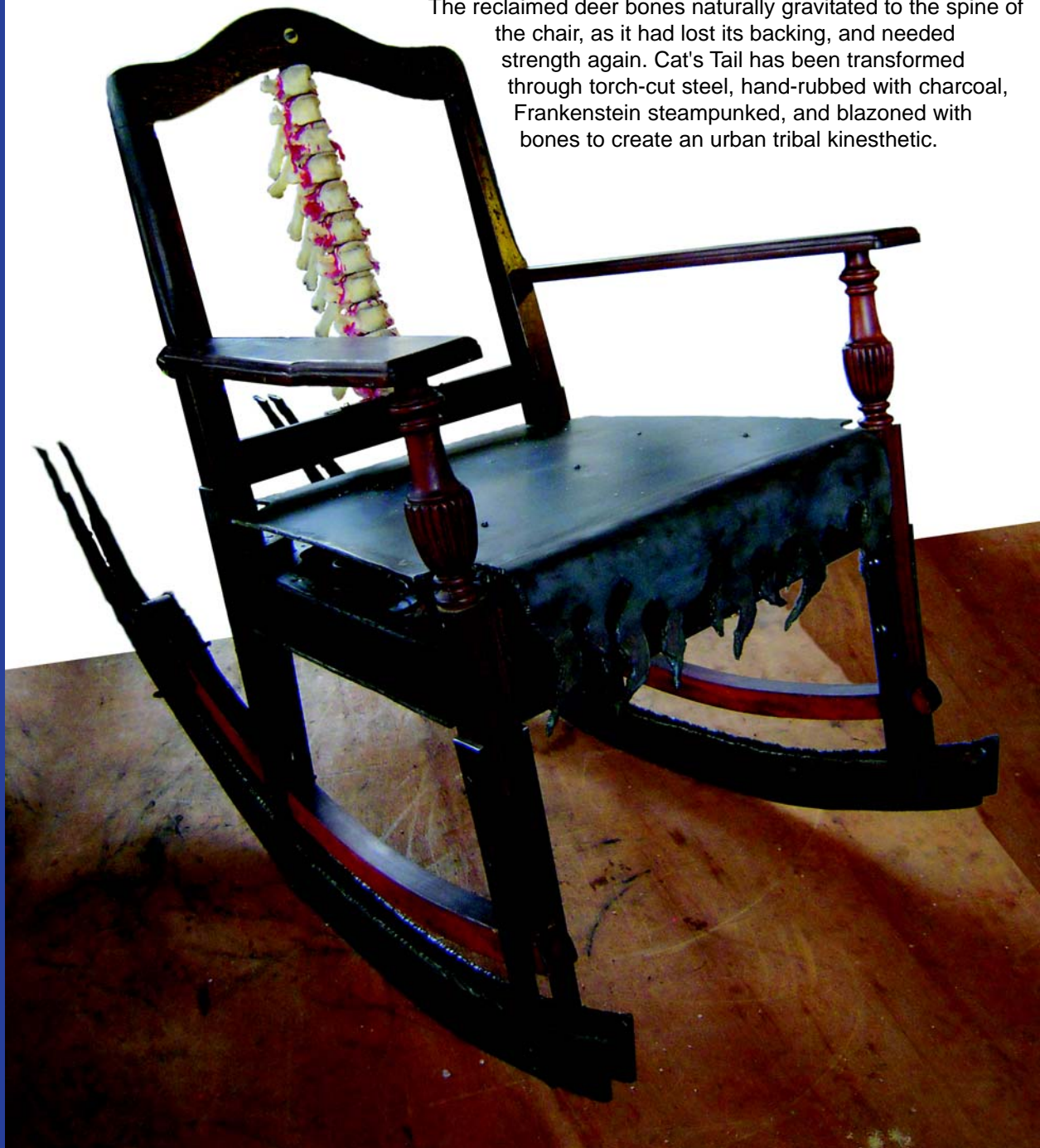
Selected Projects: Cat's Tail Rocking Throne

Cat's Tail's name is derived from the Southern saying "Nervous as a long-tailed cat in a room full of rocking chairs"

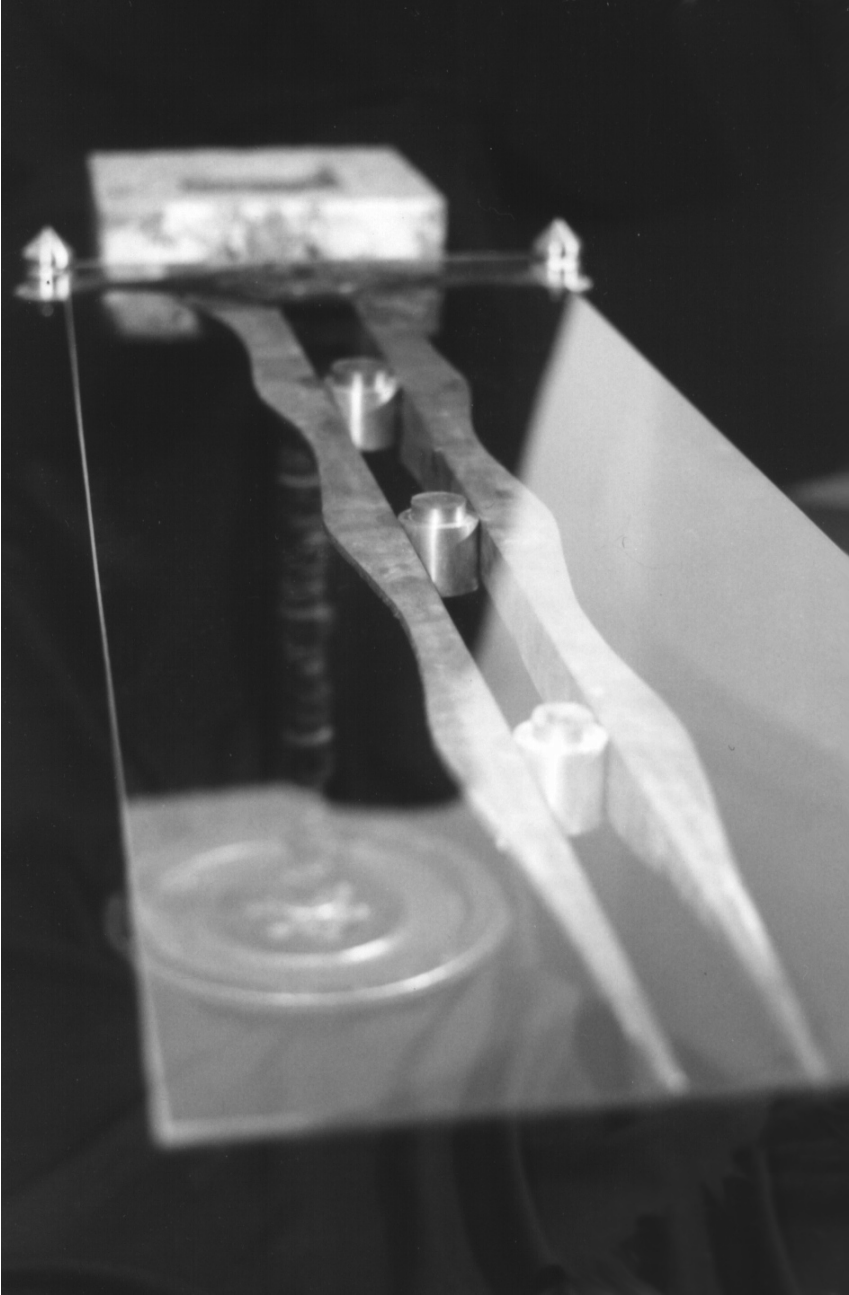
Kinetic action is at the core of Fredrick's work, be it performance art, sculpture, or industrial design. There is something beautiful about a 'static' piece of furniture, which is given societal permission to be in motion or static as it desires. Rocking a rocking chair is somehow regal, at the core ethos of folks sitting upon a porch, loved in the heart and memories of millions... [Not like a chair with wheels, that is only supposed to roll for functional needs, and when they are used to race around an office suddenly shunned as foolish.] The impetus of Fredrick's artistry emerges from exploring the narrative inherent to found objects, sparking a dialogue with that re-discovered history, and then creating innovative and passionate inspirations. The first thing that the chair spoke during the deconstructive process was that it needed ice skates.

Long, vicious, pointy, get out of my way, SKATES!

The reclaimed deer bones naturally gravitated to the spine of the chair, as it had lost its backing, and needed strength again. Cat's Tail has been transformed through torch-cut steel, hand-rubbed with charcoal, Frankenstein steampunked, and blazoned with bones to create an urban tribal kinesthetic.



Selected Projects: 1 - Table

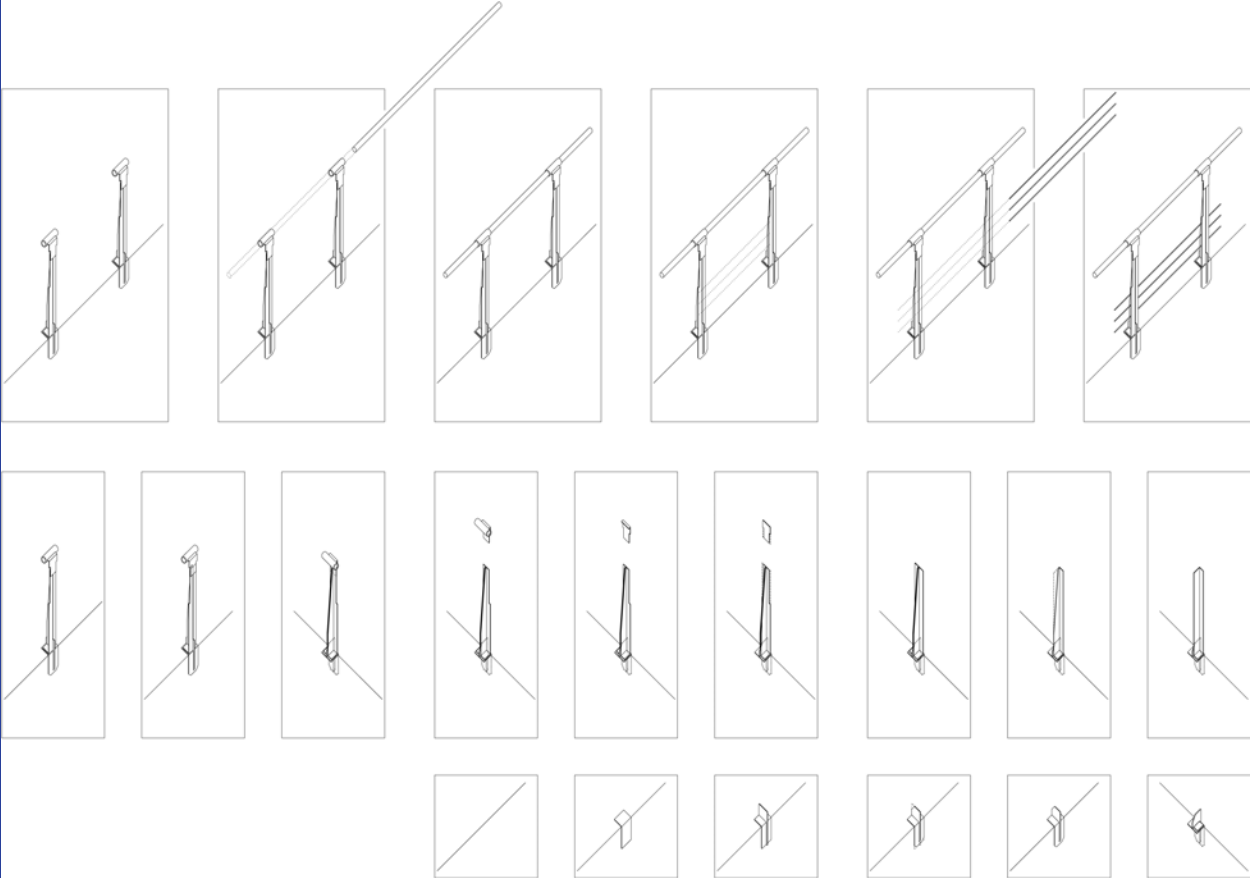


This 4-foot cantilever of steel and glass rotates freely around its single leg, composed of an overhead cam rod and tractor gear. All other parts are plasma cut, turned on a metal lathe, or cast in concrete. Size: 6'-6" x 1'-6" x 2'-4"



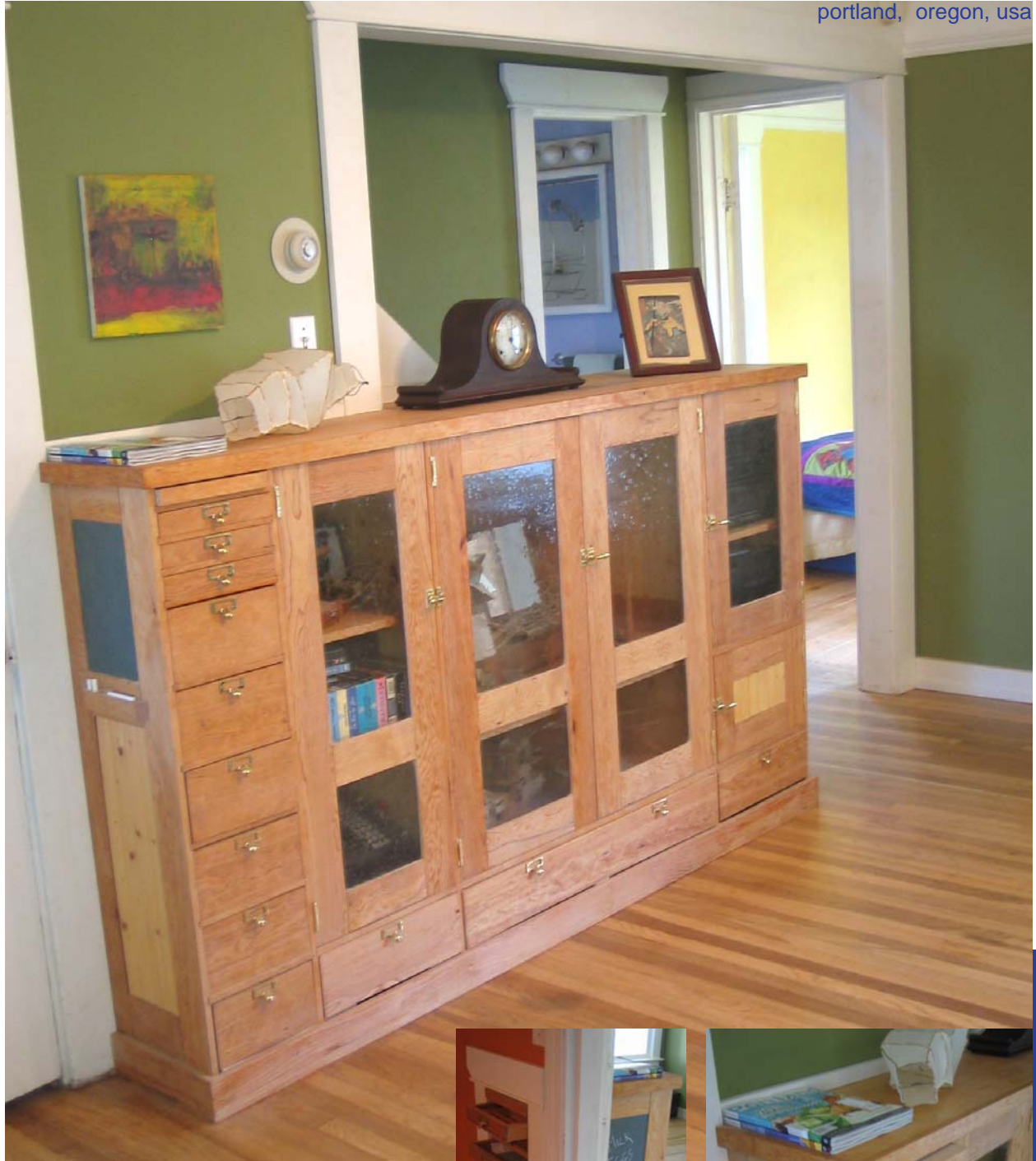
Selected Projects: Ballet Étendre Barre

Materiality can manifest within all two and three-dimensional scales. It is a theory drafted by Carlo Scarpa [Italian Rationalist] and Iakov Chernikhov [Russian Constructivist] during the early to mid 1900's. Images show application at a tactile scale.



Selected Projects: c.1926 Pass Through Cabinet

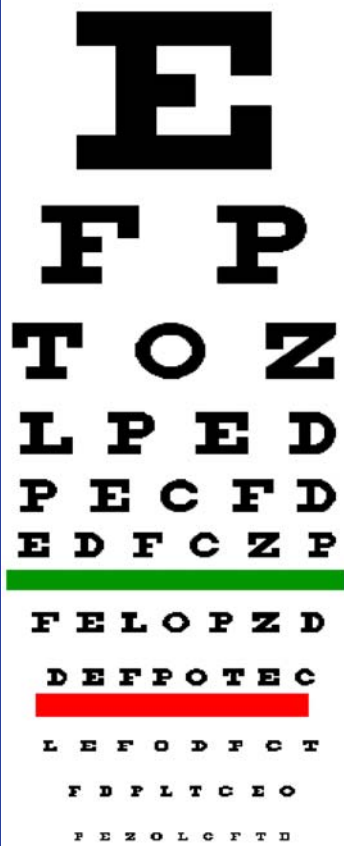
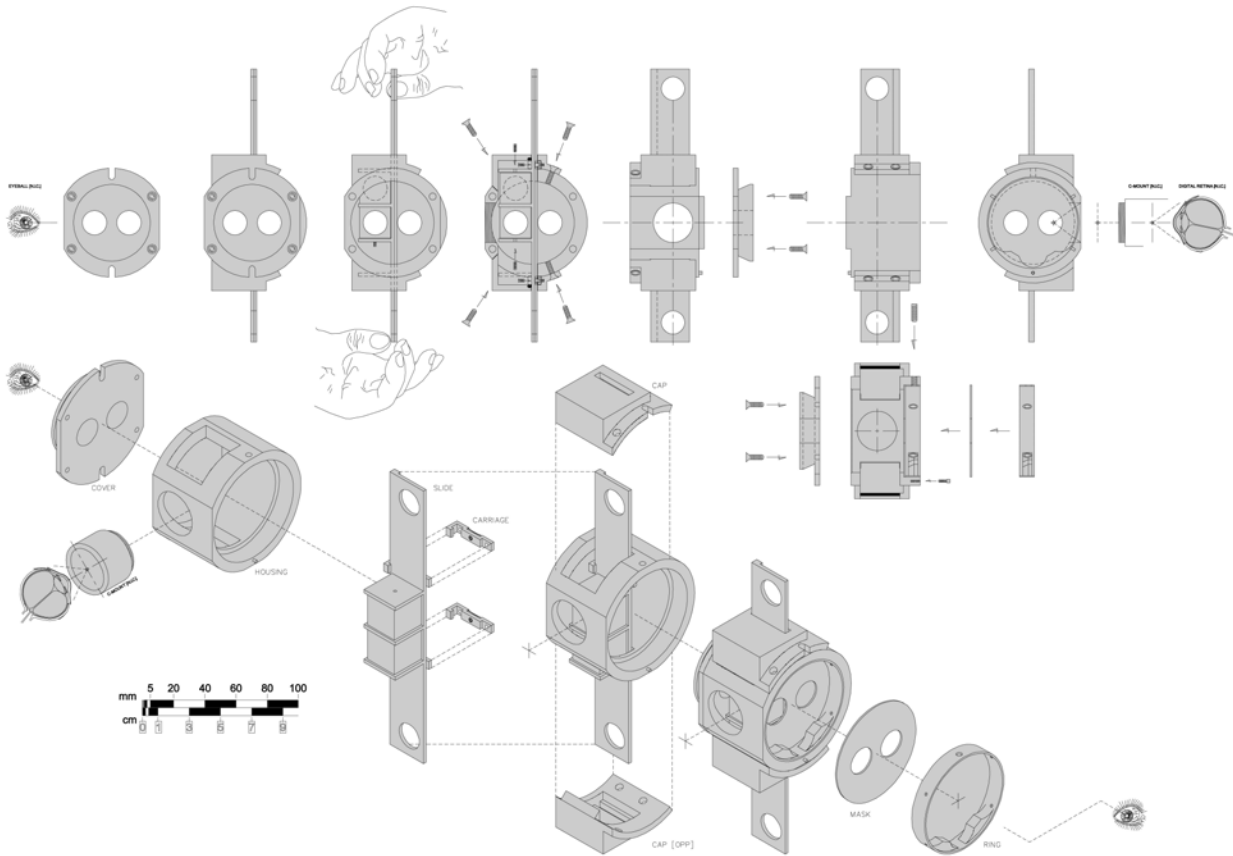
portland, oregon, usa



Inspired by the original sensibilities of the 1926 home, this built-in cabinet with eight pass-through drawers was crafted by hand using historic bridle frame corner joinery, dove tailed shelves, tongue and groove panel boards, and dado tongue and rabbit jointed drawers.



Selected Projects: Dual Prismatic Beam Splitter



The Beamsplitter allows the light path to be split; thereby allowing a video camera, digital camera, or another assistant head to be attached to the microscope.

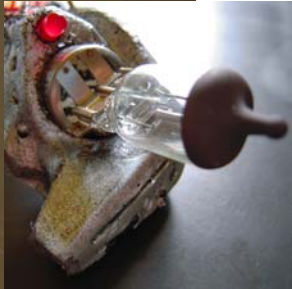
The most common Beamsplitter used is a 50/50-20/80, which means one side splits the light into 50% to the User's Eye and 50% to a Digital Camera, while the 20-80 side is 20% to a Video Camera and 80% to the User's Eye; which lowers the quality of the imaging.

This Dual Prismatic Beamsplitter design attains the Highest Quality Imaging, by utilizing a Two-Prism System, with both a 50/50 Prism and the another 20/80 Prism System.



Video and Digital Cameras require different light measurements, with Video requiring lesser light than Digital Camera. Hence, the 50/50 Prism allows more light to be refracted into the Digital Adaptor to attain the best Digital Picture, and the 20/80 Prism is utilized for Video Imaging purposes.

Selected Projects: Borg Prosthetics



Elise Morris, Belly Dancer

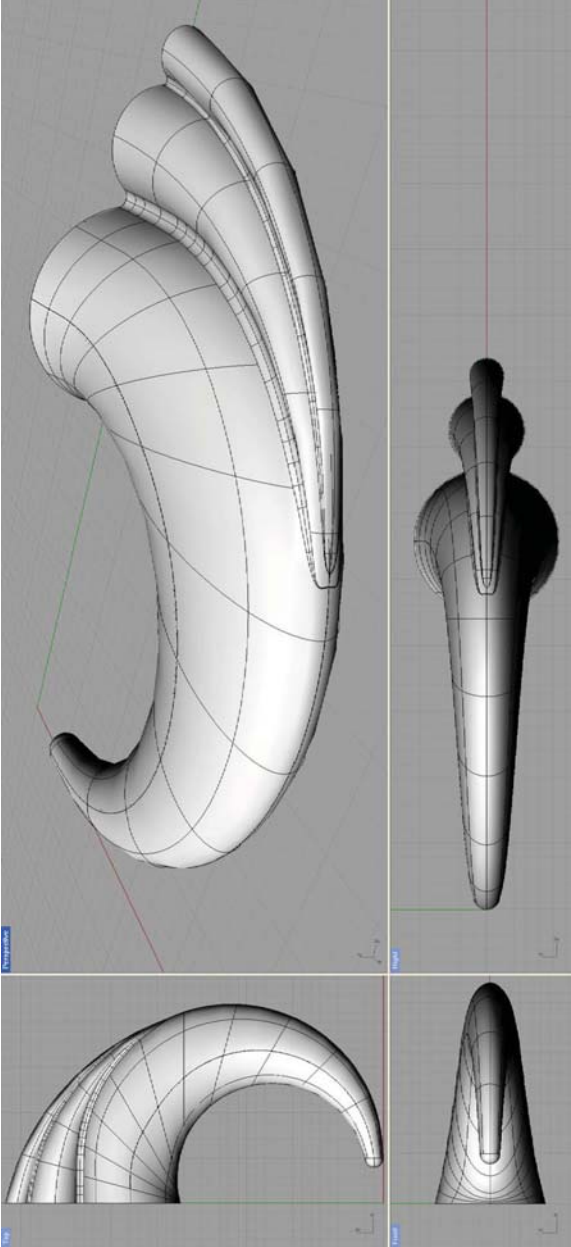
Fredrick H. Zal

Selected Projects: Penguin Animatronics

w/ castiron carousel



Selected Projects: Eschelon Audio Speaker



3D Rhino Model for STL,
Fiberglass Negative Mold,
Fiberglass Positives



Fredrick H. Zal

Selected Projects: Kinematic Space



A collaboration between Fredrick H. Zal, Mizu Desierto and Noah Mickens. It was a three hour operatic commissioned by the Urban Art Network for a First Thursday performance in Portland, Oregon's Pearl District.

Selected Projects: Eclipse



WEDNESDAY, 22 DECEMBER 2010

ECLIPSE

A NIGHT OF DANCE MUSIC & CIRCUS

Áine
 CoRE
 Blaze
 Ivizá
 Kazüm
 Ty Fyre
 Solovox
 Pandora
 Germany
 Zoe Jakes
 Synchronicity Frequency
 A-WOL Dance Collective
 Chaunda VanTassel
 Seraphic Society
 John Hernandez
 Vagabond Opera
 March Fourth
 |PowderKeg|
 Adam Hurst
 Wake Angel
 Chris Piper
 Sy Parrish
 Uxepi Trio
 Sophia Fox
 Keph Sherin
 BodyPaintGirl
 Ronabell Vudu

21+, ID REQUIRED
 \$20 ADVANCE online
 \$26 DAY of SHOW in FESTIVE ATTIRE
 \$30 DAY of SHOW
 TICKETS AVAILABLE at
 www.BROWNPAPERTICKETS.com
 DOORS at 7:30, SHOW at 8
 at the BOSSANOVA BALLROOM
 722 E. BURNSIDE

BOSSANOVA BALLROOM
 KAZÜM
 MARCH FOURTH
 VAGABOND OPERA
 A-WOL

Refreshments by:
 Random Order Pies
 Portland Smoothie Company
 Lisa deGrace Organic Cookies
 Edible Love Chocolates



Fredrick H. Zal

Selected Projects: Mad Hatter Tea Party

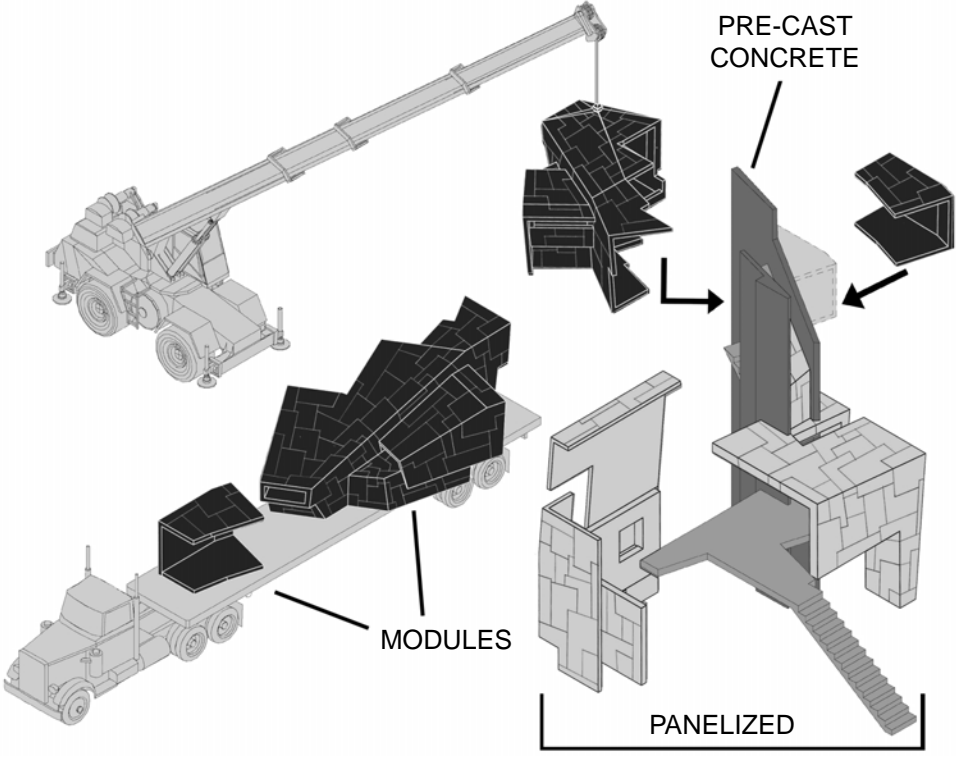


Selected Projects: Din Din Lupercalia | Valentines' Dinners



Research: Pre-Fabricated Construction

Product Line	Architect / Designer	Type	Commercial, Farm, Residential, Office, Mobile	Prototype	Production Available		Model	Manufactured, Modular, Custom, Cartridge Kit, Panelized, Site Built	Bedrooms	Bathrooms	Levels	Square Footage	Cost	Cost / Sq.Ft.	Note	Link
					Fixed	Mobile										
Historic	Aladdin	R	Y	Y	F	Y	Various	Kit, Site Built	-	-	various	out of date	-	-	-	-
Historic	Sears	R	Y	Y	F	Y	Various	Kit, Site Built	-	-	various	out of date	-	-	-	-
Historic	Montgomery Ward	R	Y	Y	F	Y	Various	Kit, Site Built	-	-	various	out of date	-	-	-	-
Airstream	-	M	Y	Y	M	Y	Classic 34-s/o	Manufactured	1	1.0	1	313	\$99,965	\$319	-	www.airstream.com
Airstream	-	M	Y	Y	M	Y	Classic 34	Manufactured	1	1.0	1	283	\$92,632	\$327	slide-out dining nook	www.airstream.com
Airstream	Nissan	M	Y	Y	M	N	BaseCamp	Manufactured	-	-	1	102	\$28,000	\$275	-	www.airstream.com
Airstream	Christopher Deam	M	Y	Y	M	N	D.W.R.	Manufactured	1	1.0	1	124	\$50,000	\$403	Design Within Reach furnishings	www.airstream.com
Airstream	Bentham Crouzel Architects	R	Y	N	F	N	Almere	Kit, Site Built	2	1.0	1	700	unknown	-	-	www.benthamcrouzel.nl
Blazer Industries	Christopher Deam	C, R, D	Y	Y	-	Y	Various	Manufactured	1	1.0	1	460	n/a	-	Manufacturer	www.blazerind.com
Breckenridge	Christopher Deam	R, M	Y	Y	M	Y	Glassic Soho Flat	Manufactured	3	1.0	1	480	\$45,000	\$113	-	www.breckenridgeinterliving.com
Breckenridge	Christopher Deam	R, M	Y	Y	M	N	1246 SCE3BR	Manufactured	3	1.0	1	480	unknown	-	-	www.breckenridgeinterliving.com
BritCo	-	C, R, D	Y	Y	-	Y	Various	Manufactured	-	-	-	-	n/a	-	Manufacturer	www.britco.com
Butler	-	F	Y	Y	F	Y	Various	Kit, Manufactured	-	-	-	-	n/a	-	Manufacturer	www.butlermfg.com
Clever Homes	Toby Long	R	Y	N	F	N	CH1	Site Built	4	3.0	2	2,490	\$747,000	\$300	Slips	www.cleverhomes.net
Clever Homes	Toby Long	R	Y	N	F	N	CH1.5	Site Built	3	2.0	2	1,980	\$594,000	\$300	-	www.cleverhomes.net
Container City	Urban Space Management, Ltd.	C, R, D	Y	Y	F	Y	Container City	Manufactured	Multi-Family	-	-	-	unknown	-	Shipping Containers	www.containercity.com
Flat Pak	Charlie Lazor	R	Y	Y	F	Y	Charlie/Zelda - MN	Panelized, Site Built	3	3.0	2	3,456	\$1,036,800	\$300	-	www.flatpakhouse.com
Flat Pak	Gilma-Kim	R	Y	N	F	N	Summer House	Manufactured	3	1.0	1	764	\$111,900	\$225	-	www.gilmakim.is
Glide House	Michelle Kaufmann	R	Y	N	F	N	Glide House	Manufactured	2	2.0	1	1,344	\$448,976	\$334	[2] 14'x48' modules	www.mkd-arc.com
Glide House	Michelle Kaufmann	R	Y	N	F	N	Sunset Breeze	Manufactured	2	2.0	1	1,800	\$575,040	\$319	-	www.mkd-arc.com
Hive	MA Architecture Inc.	R	Y	N	F	N	B-Line Medium 001	Modular	3	3.0	2	1,780	\$356,000	\$200	-	www.hivemodular.com
Hive	MA Architecture Inc.	R	Y	N	F	N	B-Line Medium 005	Modular	4	3.0	2	2,108	\$421,600	\$200	-	www.hivemodular.com
IdeaBox	Jim Russell	R	Y	Y	M	Y	Northwest Modern	Manufactured	1	1.0	1	400	\$74,750	\$187	-	www.ideabox.us
IdeaBox	Jim Russell	R	Y	Y	M	Y	Confluence Modern	Manufactured	2	2.0	1	840	\$85,000	\$101	-	www.ideabox.us
IT	Taalmann Koch	R	Y	N	F	Y	IT 1100	Frame	2	1.0	1	1,100	\$372,000	\$343	Bosch Aluminum Frame	www.tkthouse.com
IT	Taalmann Koch	R	Y	N	F	Y	IT 1600	Frame	3	2.0	1	1,600	\$522,500	\$327	Bosch Aluminum Frame	www.tkthouse.com
Jeriko House	Shawn Burst	R	Y	N	F	N	Jude	Frame, Panelized	3	3.0	1	2,032	\$508,000	\$250	-	www.jerikohouse.com
Karsten	R	Y	N	-	Y	KE-03	Manufactured	3	2.0	1	2,630	\$185,000	\$69	Manufactured Homes	www.thekarstenc.com	
Living Homes	Ray Kappe	R	Y	N	F	N	RK1.1	Modular	5	3.5	2	3,100	\$775,000	\$250	Steel Moment Frame	www.livinghomes.us
Living Homes	Kieran Timberlake	R	Y	Y	F	Y	KT1.1M	Frame, Panelized	2	2.0	2	1,339	\$443,322	\$331	Bosch Aluminum Frame, MoMA	www.kierantimberlake.com
Logical Homes	Peter deMaria	R	Y	N	F	N	Pirkis Redondo Beach	Site Built	4	3.5	2	3,500	\$473,500	\$125	-	www.demariadesign.com
LV Series	LOT-EX	C, R, D	Y	N	F	N	Mobile Dwelling Unit	Manufactured	1	0.0	1	320	unknown	-	-	www.lot-ek.com
LV Series	Rocio Romero	R	Y	Y	F	N	LV	Panelized, Site Built	2	2.0	1	1,150	\$35,923	\$31	-	www.rociromero.com
LV Series	Rocio Romero	R	Y	Y	F	N	LVL	Panelized, Site Built	3	2.0	1	1,453	\$42,115	\$29	-	www.rociromero.com
LV Series	Rocio Romero	R	Y	Y	F	N	LVM	Panelized, Site Built	1	1.0	1	625	\$2,650	\$38	-	www.rociromero.com
LV Series	Rocio Romero	R	Y	Y	F	N	LV150	Panelized, Site Built	2	2.0	1	1,453	\$45,425	\$31	-	www.rociromero.com
LV Series	Marmol Radziner	R	Y	Y	F	N	Model 4	Modular	3	3.5	1	2,650	\$809,200	\$305	-	www.marmolradzinerprefab.com
Micro Compact Home	Horden Cherry Lee Architects	R	Y	Y	M	Y	m-ch	Modular	1	1.0	1	76	\$50,000	\$658	MoMA Exhibition	www.microcompacthome.com
mini-Home	Sustain Design Studio	R	Y	N	F	N	Solo	Manufactured	1	1.0	2	352	\$135,000	\$384	-	www.sustain.ca
Modern Modular	Jones Partners	C, R, D	N	N	F	Y	Yucca Valley	Modular	2	1.5	1	640	\$96,000	\$150	Shipping Containers	www.jonespartners.com
Modern Modular	Resolution 4 Architecture	R	Y	N	F	N	Dwell	Panelized, Site Built	2	2.5	2	2,042	unknown	-	-	www.res4.com
Modern Modular	Resolution 4 Architecture	R	N	N	F	N	3-Bar Bridge + Guest	Modular	4	3.0	2	2,392	unknown	-	-	www.res4.com
Office Mobile Design	Office Mobile Design	R	Y	N	M	N	ShowHouse	Modular	1	1.0	1	720	\$201,600	\$280	-	www.designmobile.com
Pinc	Rutenskold Lionel, Ittur Koncernet	R	Y	N	F	Y	Sport	Manufactured	2	1.5	1	1,744	unknown	-	-	www.pinchouse.com
PowerHouse	John Rossi	R	Y	N	M	N	PowerPod	Modular	1	1.0	1	504	unknown	-	Solar Panels	www.powerhouse-enterprises.com
quikHouse	Adam Kalkin	R	Y	Y	F	Y	42 + Summer	Modular, Site Built	1	1.0	1	640	\$32,000	\$50	Radiant Slab, Shipping Containers	www.quik-build.com
quikHouse	Chris Radcliffe	R	Y	Y	F	Y	42 + Summer	Modular, Site Built	1	1.0	1	640	\$32,000	\$50	Radiant Slab, Shipping Containers	www.quik-build.com
Safe-Green Blocks	David Cross	C, R, D	Y	Y	F	N	Hazleton House	Modular, Site Built	2	1.5	2	1,280	\$38,400	\$30	Shipping Containers	www.sgblocks.com
Tempo Housing	Tempo Housing	C, R, D	Y	Y	F	Y	Keetwonen	Modular	1	1.0	1	320	\$15,000	\$50	Shipping Containers	www.tempohousing.com
Tumbleweed	Jay Shaler	R	Y	Y	M	N	Ernesti	Kit	2	1.5	2	681	unknown	-	Trailer Hitch	www.tumbleweedhouses.com
V2flat	-	R	Y	N	F	N	Flat	Manufactured	1	1.0	1	448	\$89,600	\$200	-	www.v2world.net
WeeHouse	Alchemy Architects	R	Y	Y	F	N	4x4	Modular	3	2.5	2	2,090	\$319,000	\$153	-	www.weehouse.com
WeeHouse	Alchemy Architects	R	N	Y	F	N	Pair 3Br	Modular	3	2.0	1	1,510	\$219,000	\$145	-	www.weehouse.com
xPAC	Lang Wilson	R	Y	N	F	Y	xPAC	Modular	2	1.5	1	1,507	\$150,000	\$100	Mass Customization	www.pakhouse.com
Zero Cabin	Keith Dewey	C, R, M	Y	N	F	N	40ft Fitted, Deluxe	Modular, Site Built	3	2.0	2	320	\$35,800	\$112	Shipping Containers	www.zigloo.ca



Notes:



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