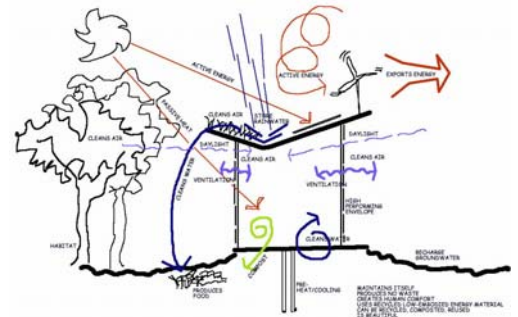


ml Robles, NCARB Architect LEED AP
CAREER SUMMARY

ml received a Bachelor of Architecture from the University of Arizona in 1977, with studies in Mexico City and with Luis Barragan in 1976; in 1991 she received a Master of Architecture from SCI Arc with studies in Vico Morcote under Ray Kappe in 1987. From 1989 to 2003 ml was a part-time design instructor at the College of Architecture and Planning, University of Colorado, Boulder, also writing the curriculum and teaching architectural programming in 1995. She worked with various small firms in Colorado including the affordable housing advocates, Brothers Redevelopment before co-founding Studio Points Architecture + research in 1984. In 1992 ml was an AIA Colorado Young Architect finalist and in 1989 and 1982 was a design consultant on two AIA Regional Award winning projects. She has participated in seven juried exhibitions, and 2 one-man shows, and was one of 15 front range architects invited to participate in "Architecture on the Front Range" in 2001; ml has also curated four exhibitions including the 2001 "Before + After" exhibition and discussion video that featured Elizabeth Wright Ingraham and Harry Teague. Her work has received recognition in national and local publications including Home, Renovation Style, and the "Installations Two" juried publication in 1993.



In 2006 ml achieved USGBC's LEED (Leadership in Energy and Environmental Design) Accredited Professional status and soon thereafter joined *ambient energy* to establish their Green Building Materials specialist position and deliverables. In 2007 she established the PatternMapping *institute* as a green building resource providing timely information and the means to use it with intelligence. As Lead Researcher, ml developed an on-line resource for Green Building Materials and Green Building Systems, providing the building professionals' access to high performing building information; to support this data, she developed a 12-criteria filter matrix, enabling users to assess the environmental impact of their material and systems choices. Her *Better Buildings Guide*, a book of standards and metrics to empower consumers with data that establish performance requirements for products to be considered 'green', was published in 2010. ml is lead researcher on a study conducted in collaboration with the University of Colorado College of Engineering CEAE, which brings measurable evidence for including beauty into the calculation of the energy and environmental performance of a built environment, the white paper, *Beauty in Building*, was published in 2012.



In 2009 ml expanded her work to include art projects, her series of eco-art, LEAFs, was accepted to the 2009 juried exhibition at the NCAR Gallery and she is collaborating on a number of site specific projects that focus her growing interest in zero waste by reclaiming and upcycling material. In addition to her architectural practice, research, and art work, ml is involved in expanding environmental awareness into action through participation in community and professional organizations. She is currently offering pro bono and discounted architectural services for buildings impacted by the Colorado floods and fires.



ml Robles, NCARB Architect LEED AP
State of Colorado Certificate No. 201722
NCARB Certificate No. 31836

EDUCATION

1991 Southern California Institute of Architecture, Santa Monica, CA;
Master of Architecture.
1987 Southern California Institute of Architecture, Vico Morcote,
Switzerland; Master of Architecture Program.
1972-77 University of Arizona College of Architecture, Tucson, AZ;
Bachelor of Architecture.
1976 University of Arizona-Universidad LaSalle, Mexico City, Mexico;
undergraduate studies in architecture.

PROFESSIONAL EXPERIENCE

1984 -present Studio Points Architecture + *Research*, Boulder, CO; founding
principal.
2007-present PatternMapping **institute**, Boulder, CO; sustainability consultant,
built-environment researcher
2010 -present Seasonal: City of Boulder NECO Pass (bus pass) program
coordinator
2006-07 *ambient energy*, Golden, CO; Green Building Materials
Specialist, sustainability consultant.
1989-2003 University of Colorado College of Architecture and Planning,
Boulder, CO; design studio instructor; architectural programming
instructor.
1983-84 Roper Ehrlich Architects, Denver, CO; project architect.
1980-82 Brothers Redevelopment, Inc, Denver, Co; architect.
1978-80 Midyette Associates, Boulder, CO; job captain.

CERTIFICATIONS/ TRAINING

2008 Eco-Audit Certified Provider, Green Heart Institute
2008 Transit Alliance, Denver, CO, transit program graduate
2006 LEED Accredited Professional, US Green Build Council
2003 GIS application graduate-level introductory course, University of
Colorado, Geography Department,
1998 Form Z application course, University of Colorado College of
Architecture

AWARDS

1992 AIA Colorado Young Architect award finalist.
1989 AIA Regional Award: Stroh Ranch Recreation Center, Denver,
CO; designer with Habitat Design Group.
1982 AIA Regional Award, Elephant corral Complex, Denver, CO; job
captain with Midyette Associates.

EXHIBITIONS/PUBLICATIONS/PRESENTATIONS

2013 *Get Building You Want Not Just What's Required*, Guest
Column, 24 May, 2013, Boulder County Business Report
2012 *Study Shows Beautiful Buildings Outperform Other Green
Buildings by 4 Times*, 29 August, 2012, Inhabitat.
2012 *The Beauty Factor*, August 08, 2012, The COSTAR Watchlist.
2012 *Tool Helps Green Building Become Beautiful Building*, Friday,
May 25, 2012, Real Estate Rama
2012 *Beauty in Building*, white paper published February 29, 2012
2011 AIA + 2030 Workshop, Wind technical presentation

- 2010 *Better Buildings Guide*, author, PatternMapping institute publisher
- 2009 First Friday Santa Fe Drive, Denver, CO: Semple Brown Gallery: one man show for Architecture for Humanity Denver: *LEAFs*.
- 2009 National Center for Atmospheric Research, Boulder, CO: Gallery 1: juried one-man show for month of September: *LEAFs 1& 2*.
- 2008 Boulder County Green Building Conference: presentation: *Demystifying Green Materials*
- 2008 City of Boulder Green Points: *Green Building Materials*
- 2007 AIA COTE, Denver: *2 Much 2 Fast: Green Building Information*
- 2003 SCI Arc: Green, Winter 2003, juried publication, *Pattern Mapping Sustainable Relationships*
- 2003 Renovation Style Magazine, May 2003, *Church Barn House*.
- 2001 'Architecture on the Front Range' invited architectural exhibition, *Shaffer House*, CU Art gallery, Boulder, CO.
- 2001 'Before + After' architectural exhibition and discussion, Denver, CO; co-curator and exhibitor
- 1999 'Retrospect: 25 years' SCI Arc Alumni work, juried exhibition. *Shaffer House Mapping*, Los Angeles, CA.
- 1998 'What Does architecture Sustain?' architectural exhibition, *Shaffer House, HWC1*, Boulder, CO; curator and exhibitor.
- 1997 'Thresholds' juried exhibition, *HWC1*, SCI Arc, Los Angeles, CA.
- 1995 '*Program-ming*' a process booklet, published by CU Bookstore.
- 1995 'Less is More' juried exhibition, *8th Street Studio*, SCI Arc, Santa Monica, CA.
- 1994 '*Workshop 1*' *Viaducts* installations, Sandy Carson gallery, Metro Art Center, Trillium Gallery, Denver, CO.
- 1993 'Installations Two' juried publication, *No Style House, Abbey of Saint Walburga*, University of Colorado College of Architecture.
- 1990 'Women in Architecture, Colorado' Denver AIA, Denver, CO.
- 1985 '*The Art of Architecture: a juried show of design drawings*' Denver AIA, Denver, CO.
- 1985 '*Shifting Perceptions*', a furniture show, 7 prices of furniture, Kodama Gallery, Denver, CO.

PROFESSIONAL ORGANIZATIONS

- 2008-present USGBC, business member
- 2007-present International Living Building Institute USGBC Cascadia, member
- 1985-present NCARB (National Council of Architectural registration Boards), member
- 2008-2009 BGBG (Boulder Green Building Guild), member, Green Commercial Committee, *Green Commercial Education*, co-Chair.
- 2007-2008 APOB (Architects & Planners of Boulder), member
- 2006-2009 USGBC CO (US Green Build Council Colorado chapter), member, LEED v3 Regionalism task force committee.

COMMUNITY SERVICE

- 2014 Pro Bono architecture: Lyons Flood recovery
- 2011 Master Thesis advisor: University of Colorado CEAE engineering
- 2010-2012 Denver Foundation, Denver, CO, Arts & Culture Committee appointed member
- 2008 Living Built Environment Initiative, CSU, Ft Collins, CO, Advisor
- 2007- present Newlands Greenlands climate action committee, Boulder, CO; founding member: Eco-Living Tour Chair

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2005-present Newlands EcoPass coordinator (co-coordinator 2005-2008)
2004- 2007 Newlands Steering Committee, Boulder, CO
2002- 2006 Boulder County Housing Commission, Boulder, CO
Appointed Commissioner, 2005 elected Chair.
1999-2003 Museo de las Americas, Denver, CO
Elected Trustee.
1995-1999 Boulder County Healthy Communities Initiative, Boulder, CO
Invited Executive Committee Member.

OTHER EXPERIENCES

Present Hiking Colorado 14,000-foot mountains
2002 Summit Kilimanjaro, trekking in Africa
1987 Living and traveling in Europe, studying at SCI Arc, Switzerland
under Ray Kappe
1956-1969 Living in Mexico, bi-cultural



ml Robles, NCARB Architect LEED AP
ARCHITECTURAL PROJECTS

My work is not about placating the known; rather it is about revealing the obscure and bringing to light the continuum within which we exist.

MM Living Space, Bethesda, MD, 2012

Basement remodel with emphasis on daylight through a new expanded window well and terraced garden. Project in process.

Weatherly Shaffer House, Northglenn, CO/ 2012

Energy retrofit and interior remodel of 1950's modern house. Project completed 2013.

Harbor Financial, Boulder, CO/ 2008

2400sf interior remodel of an existing office space: maximizing daylight with tracking skylights, using modular construction, and green building materials including rubber flooring and homasote walls. Construction complete 2008.

2007 ambient energy: Green Building Materials Specialist, LEED projects include:

- Klipp Architects: Denver Justice Center Projects – Court House
- Oz Architects: Denver Justice Center Projects – Detention Center
- Klipp Architects: Denver Public School System – Stapleton K-8 school
- RNL Architects: Victor Valley Transit Authority
- Slater Paull Architects: North High School
- Fentress Architects: San Jose International Airport – Terminal A modifications, Terminal B phase 1

Owen House, Boulder County, CO/ 2005

520sf addition to 1980 farmhouse that expands the guest wing and honors the original house massing. Construction complete 2005.

Oasis House, Boulder County, CO/ 2005

890sf addition and remodel to 1970's solar cabin on 2.5-acre historic mining site in Rocky Mountain Foothills. A simple volume re-oriens the circulation and establishes generous indoor-outdoor relationships while expanding the solar and creating new environmental connections. Construction complete 2006.

Westwoods Gallery, Boulder, CO/ 2005

1,600sf gallery within an industrial building houses the design office and gallery for a woodwork shop. Soaring 22' high ceiling, golden stained concrete floor, 10'X10' sectional glass vertical lift doors, 10'X10' pivot door, pigmented plaster contemplative wall all reinterpret this industrial building and invite the design dialogue and artistic exploration into a rigorous and production woodworking shop. Construction completed 2005.

530 Aurora, Boulder, CO/ 2005

Addition and remodel to rigorous 1950's Usonian-style house. Rethink the vocabulary and planning system to reflect contemporary living and introduce intimate relationships to the garden and views. Project underway.

Museo de las Americas, Denver, CO/ 2002 (collaboration with RoTo Architects)

A phased expansion of an existing 20,228 sf museum building into a 76,729 sf facility located between Santa Fe Drive and Kalamath Street in Denver, Colorado. The museum's mission of featuring the art and culture of the Latino people of the Americas is further grounded in the architecture through reference to indigenous building practices of celestial anchoring and masonry corbeling. The Santa Fe Drive facade is developed to reveal relationships to key solar phenomena at equinox and solstice through the layered articulation of four corbeled masonry walls. Master planning and preliminary facade design completed 2002, project on hold.

Stoen House, Boulder, CO/ 2001

Addition and remodel of existing house, living patterns and learning modes revealed with spatial proportioning and color. Construction completed 2001

BoysHouse, Boulder, CO/ 2000

200sf translucent, transparent and panelized structure constructed around a 15' circumference Poplar tree. Translucent leaf catcher over roof and fold up doors allow the shadows of limbs and leaves to enter the structure and create a treehouse effect. Unbuilt

Rice McKenna House, Denver, CO/ 2000 (w/ Kat Vlahos)

1100 sf addition to a modest cottage in a traditional neighborhood. A long tapering addition reconciles street and alley entrances with a linear mud room/ greenhouse with folding walls and swinging doors that accommodate the seasons and establish an indoor-outdoor relationship. Construction completed.

Our Lady of Guadalupe Chapel/Church, Milford, Indiana/ 1999 (w/ Dan O'Brien)

Conceptual design for a church and chapel in rural Indiana, church is anchored by the chapel which is grounded by a light shaft that illuminates the image of the Virgen de Guadalupe and transfers along a glazed spine from which structural ribs enclose the church mass. The movement into prayer is specifically framed and orchestrated beginning with arrival on site and culminating with a mystical fulfillment of the Virgen's presence on Her feast day. Submitted 1999

Lopez DeMarinis House, Boulder, CO/ 1999

260sf addition to a modest cottage. South facing tipped roof brings volume and sunshine deep into the house. Construction completed 1999

JackBuilt House I, Boulder, CO/ 1998

3000sf addition and remodel utilizing a tall wedge shape to transcend the horizontal and give access to the mountain presence. The wedge establishes a vertical movement which resolves itself in a winged entry and drainage roof. Construction completed 1999

Rosen House, Boulder, CO/1998

2000sf addition to an indistinguishable ranch house in eastern Boulder. Utilization of form and sustainable materials to create a site and user specific house. Unbuilt

Shaffer House, Boulder, CO/ 1997

500sf addition of articulated roofs and angular walls break out of the existing rectangular box and into the hill, bringing light and spatial complexity deep into the house. Construction completed 1998

Houses with a Conscience I, Longmont, CO/ 1997

Repair and reconfigure a 1500sf house on old town. Removal of ceiling in a tall narrow hallway to bring light, shadow and ambiguity into the middle of this predictable house. Construction completed 1997.

Church Barn House, Boulder, CO/ 1996

Repair and reuse an existing 2,560sf structure to create an inspired environment. Exposed construction detailing and texture and color are revealed through light that floods the expanse of floor below and seeps through slits above. Construction completed 1998

Williamsburg Town planning, Williamsburg, VA/ 1995 (w/ Meredith Howe)

One square mile site adjacent to the original colonial Williamsburg town center. Planning included layout of roads, civic buildings, retail, and neighborhoods in an eco-centric concept which establishes both a cardinal datum and a natural cycle awareness. Planning is directed by the lying of paths with key patterns

established to create momentum and allowing evolution to direct the specific constructions. Competition submitted 1995

Capone House, Golden, CO/ 1995

300sf-sunroom addition to a single family house adjacent to Table Mountain. Subtle geometric moves anchor the addition to the original structure and site. Construction completed 1995.

Sohr House, Nashville, Tennessee/ 1994 (w/ Benjamin Sohr)

16,000sf house on a wooded hilltop in rural Nashville. Articulated entry-gallery-tower spaces explore the relationship between earth and sky as a movement episode interpreting the grounded and visionary characteristics of the clients. Unbuilt

Henry House, Longmont, CO/ 1994

2,500 sf remodel and addition to a secondary farmhouse in rural Longmont. Concept to merge client's music with the rural landscape resulting in the creation of a piano corral as the focus of the house. Unbuilt.

Workshop: Viaducts, Denver, CO/ 1994 (w/ Harry Lee)

2 month workshop viewing the removal of the 23rd street viaduct in lower downtown Denver to 'see those things we have forgotten how to see', followed by a 6 month installation that traveled to various public buildings and galleries in Denver.

Our Lady of Light Monastery, Denver, CO/ 1994 (w/ Scott Evans)

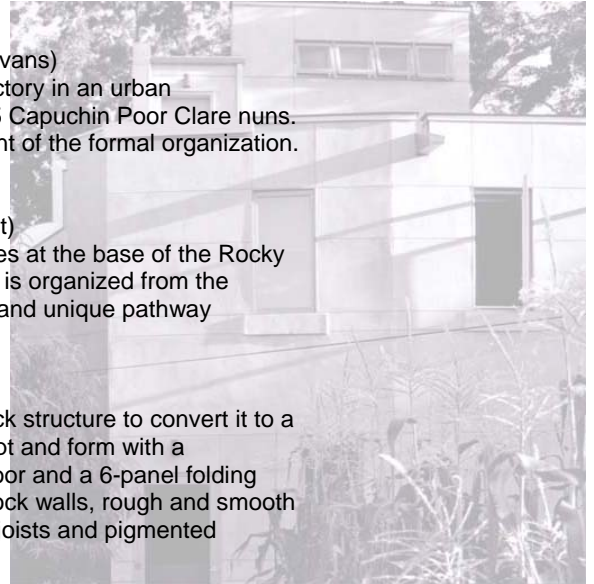
4,500sf addition to an existing historic church and rectory in an urban neighborhood to accommodate monastic living for 15 Capuchin Poor Clare nuns. Movement and light were explored in the development of the formal organization. Phase1 construction completed 1995.

Abbey of Saint Walburga, Boulder, CO/ 1992 (w/ Julee Herdt)

36,000 sf new and remodeled monastery on 150 acres at the base of the Rocky Mountain foothills for 25 Benedictine nuns. Planning is organized from the traditional and familiar cloister garden to a particular and unique pathway dissolving into the field. Unbuilt

8th Street Studio, Boulder, CO/ 1991

Various interventions into a 64-year old concrete block structure to convert it to a design studio. Aperture was exploited in both concept and form with a transparent and translucent hinged corner window/door and a 6-panel folding door. Materiality explored texture of raw concrete block walls, rough and smooth pigmented plaster walls, exposed fir roof rafters and joists and pigmented concrete floor slab. Construction completed 1989.



Anna Lee House, Boulder, CO/ 1990

1,000sf addition to a single-family house in central Boulder, design integrated with the original exterior house while creating new spatial relationships inside. Construction completed 1990.

Stoen House, Boulder, CO/ 1989

2,000sf remodel and addition to single family house in north Boulder. Moving from the formal and familiar to the particular and unique was developed. Construction completed 1989.

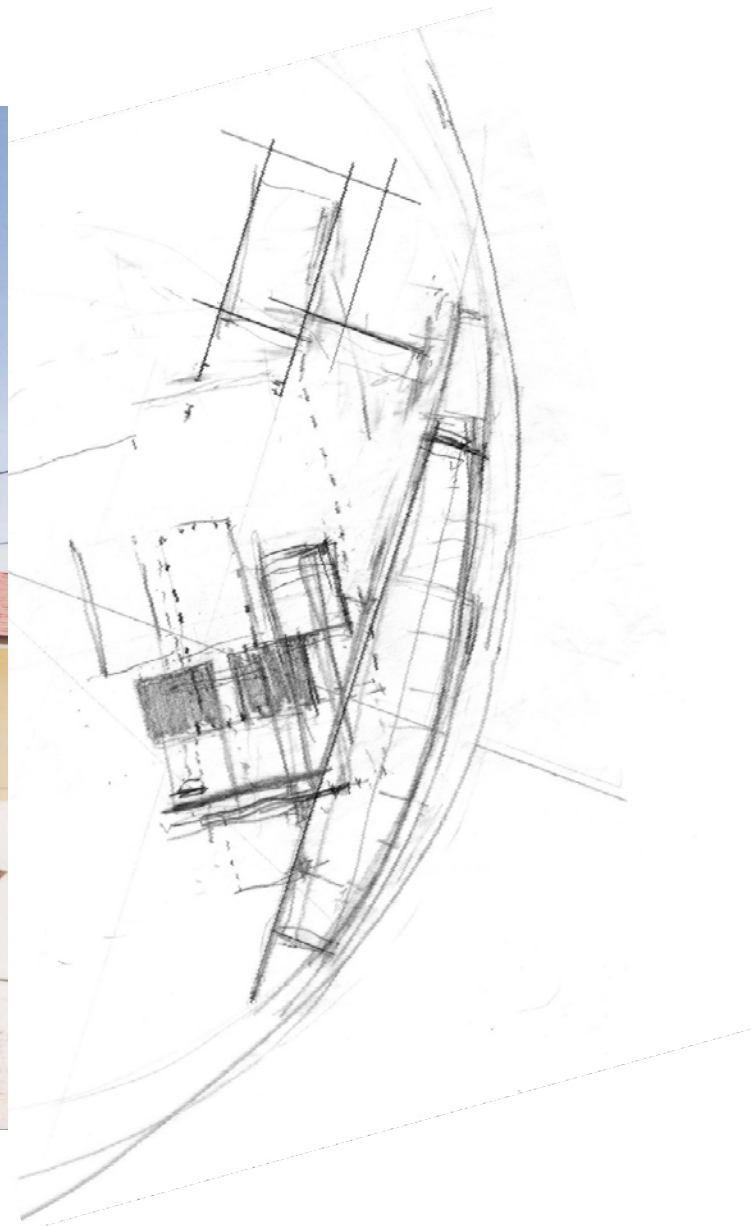
Rebecca's House and Studio, Boulder, CO/ 1988

3,500sf house and artist studio in north Boulder adjacent to open space. Glass boxes transformed walls, floors and roofs into display cases: glass covered voids in concrete floor, glass walled shelving units, glass chimneys, fishtank shower wall. Construction completed 1989.

Esprit Exhibition, University Athletic Center, Boulder, CO/ 1988
Esprit entrepreneur exhibition sponsored by the Boulder Chamber of Commerce, conversion of large athletic facility into entrepreneurial village by use of fabric canopies, banners, sails and runners. Installed 1988.

Stroh Ranch Recreation Center, Littleton, CO/ 1986 (w/ Habitat Design)
10,500sf center including indoor pool, multipurpose room, racquetball courts, weight room, locker rooms and outdoor pools, sundecks, picnic area and orchard, developed as a village. Construction completed 1988.

Locker House, Louisville, CO/ 1984 (w/ Dan O'Brien)
3,000sf single-family house in suburban Louisville. Construction completed 1984



ml Robles, NCARB Architect LEED AP
 ARCHITECTURAL RESEARCH

Research has allowed the observations to be studied and translated into useful tools for the practice of architecture and the making of intelligent built environments.

EXPLORATION

PRODUCT

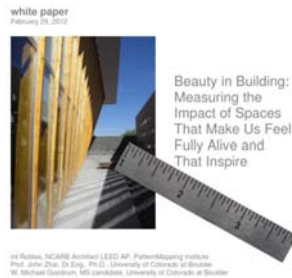
2013



UP(cycle) and dayLIGHT projects to investigate and make useful products from reclaimed material: bicycle frames to make bike parking racks and reclaimed mylar from architectural projects and used wire metal clothing hangers to make light and lamp shades.

Bike Parking Racks and Light Shades

2012



Beauty in building: a collaborative study with the University of Colorado's CEAE engineering department into measuring the beauty factor in building performance.

Beauty in Building Matrix

2010



Better Buildings Guide: a user-friendly pocket guide to the bottom line in green building materials and systems - green building standards.

Better Buildings Guide

2008

Green Building Materials & Systems: on-line service using proprietary matrix to identify the highest performing green products based on their environmental impact.

Online Service

2003

PatternMapping®: a formalized series of strategies that provide comprehensive contextual information. The strategies assemble the data, reveal patterns and map the influencing patterns into the design process. Users of these strategies benefit from comprehensive dynamic information that is carried across the entire development process.

Trademark process

2001

"LearningCycles", through use of narrative and diagramming, a system for reading living patterns is assembled. Patterns are referenced along a spectrum of learning and evolution. This system allows a broad view of living practices toward affecting change and growth.

Cyclical Pattern System

2000

'Before + After', an architectural exhibition featuring 20 projects assembled from a national call for submittal. From 2 images per project, view the broad architecture. Panel discussion between Harry Teague and Elizabeth Wright Ingraham resulted in a video. Exhibition was installed at the Colorado AIA and Goog Fabricators. (w/ Barbara Ambach)

Exhibition + Video

1998

'What Does Architecture Sustain?', curated and participated in an architectural exhibition that focused the question of sustainable architecture. Exhibited 2 projects that utilized a spatial development process grounded in deep ecology.

Exhibition

- 1996** Houses with a Conscience: creation of a development company to repair and reconfigure modest houses in established neighborhoods to bring to consciousness issues of sustainability, inspiration, and accessibility in their broadest sense.

House bought and sold
- 1995** Program-ming [establishing a goal and determining how you will achieve it]: a process workbook. Booklet outlines the steps and includes worksheets for complete programming of a project from establishing the goal to researching the circumstances and establishing the requirements that need to be in place in order to achieve the goal.

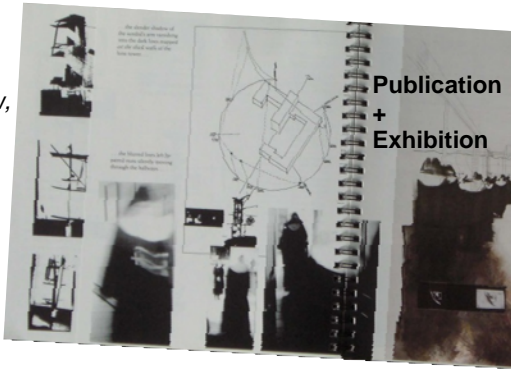
Booklet published
- Town Planning: WEJ
WEDGE, verb

 1. any action or procedure that serves to open the way for gradual change
 2. an inclusive studio identifying what is unique in each situation and utilizing an open process to facilitate transition and acknowledge change in how we consider and build our environment. (w/ Dan O'Brien)

Eco-centric town planning concept
- 1994** Looking process: to see those things we have forgotten how to see: Workshop Viaducts, a 2 month workshop viewing the removal of the 23rd street viaduct in lower downtown Denver followed by a 6 month installation at various galleries and public buildings in downtown Denver.

Exhibition
- Architectural Process Booklets, project booklets that clearly map the architectural process by documenting meetings, correspondence, drawings, models, diagrams and all artifacts of the process in a sequential order.

Booklets
- 1993** + Apertures
there is a reality built through our experience that tells us if something is a door or a window, if it is a wall or hole and if it is built or demolished. when the mechanics of construction transform or slip into a condition of being door + window, wall + hole, built + unbuilt, our reality is challenged, the boundary that our memory of experience has set for reality is stretched, distorted and even pierced, allowing a pinhole of light to escape.



Publication + Exhibition
- Studio Process Documentation: engaging the lens and microphone of a camcorder to view and record the process of the design studio ARCH 6710, Douglas Darden, studio master, College of Architecture and Planning, University of Colorado, Denver, CO. Transferring this process to a map which reveals and captures the leaps and moves of the work during the course of the semester, creating a means to view and re-view our process of both teaching and evolving architecture.

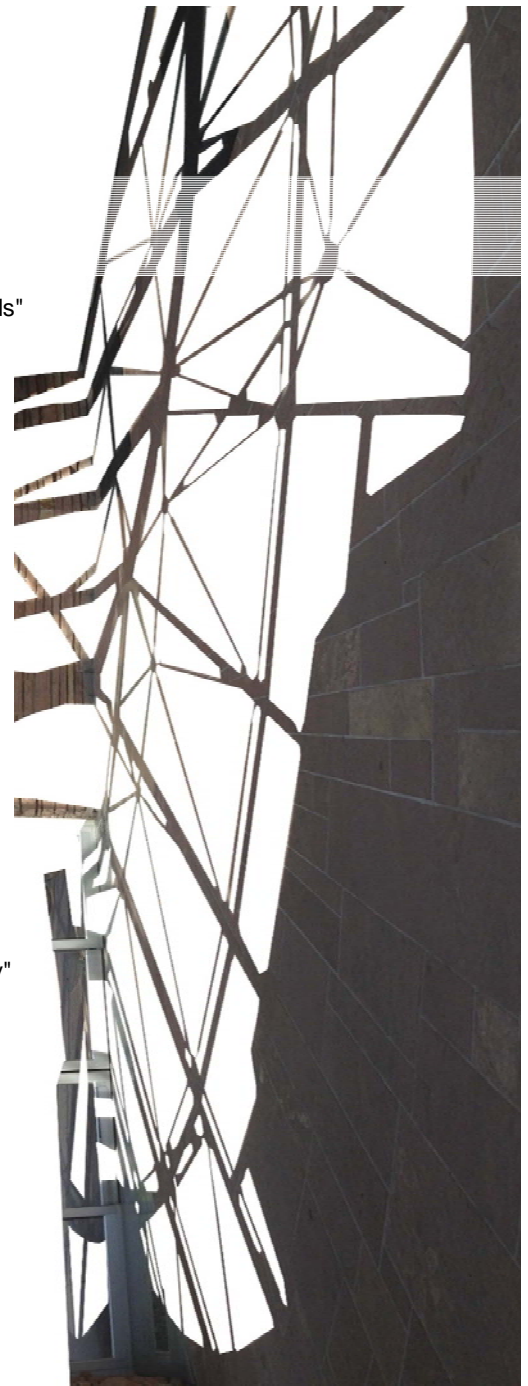
Video tape Map (in process)
- 1991** Master of Architecture, SCI Arc, Los Angeles, CA, exploration into the inhabitation of house to reveal spatial implications as population increases.

Master of Architecture
- 1989** Housing: PRESENCE OF DIVERSITY, study into architecture and its potential to give presence and shed light on who we are and the environment we inhabit. A proposal to design housing creating by module development as 3-dimensional environments each capturing a unique spatial characteristic and to provide economy through mass production, efficiency and sustainability through material usage, and flexibility and choice in responding to specific conditions of either environment or inhabitant.

Grant Proposal

ml Robles, NCARB Architect LEED AP
 TEACHING

<u>INSTITUTION</u>	<u>COURSE</u>	<u>SUBJECT</u>
University of Colorado College of Architecture	ENVD 4310 Spring 2003	Design studio "PatternMapping Crossroads"
University of Colorado College of Architecture	ENVD 4310 Fall 1998	Design studio "Consumption"
Naropa Institute	Cont Ed Fall 1996	Living Spaces weekend workshop
University of Colorado College of Architecture	ENVD 2110 Fall 1995	Design studio
University of Colorado College of Architecture	ENVD 3112 Fall 1995	Architectural Programming
University of Colorado College of Architecture	ENVD 3112 Spring 1995	Architectural Programming
University of Colorado College of Architecture	ENVD 4310 Spring 1993	Design studio "Bureau of Public Secrets"
University of Colorado College of Architecture	ENVD 2110 Fall 1992	Design studio
University of Colorado College of Architecture	ENVD 4310 Spring 1992	Design studio "Transformation: Monastery"
University of Colorado College of Architecture	ENVD 2110 Fall 1991	Design studio
University of Colorado College of Architecture	ENVD 2110 Spring 1991	Design studio
University of Colorado College of Architecture	ENVD 2110 Spring 1990	Design studio
University of Colorado College of Architecture	ENVD 2110 Fall 1989	Design studio
University of Colorado College of Architecture	ENVD 2110 Spring 1989	Design studio



2006-2007 **ambient energy: Green Building Materials Specialist**, LEED projects include:

- **Klipp Architects: Denver Justice Center Projects – Court House**
 - i. Produced extensive list of green building materials for all categories of CSI specifications.
 - ii. Presented specialized material information to the design team and City of Denver project representatives as part of the LEED team.
 - iii. Produced the materials component of the LEED narrative for Schematic and Design Development phases of the project.
- **Oz Architects: Denver Justice Center Projects – Detention Center**
 - i. Conducted specialized materials research and prepared and delivered reports to design team and City of Denver project representatives as part of the LEED process.
 - ii. Produced the materials component of the LEED narrative for Schematic and Design Development phases of the project
- **Klipp Architects: Denver Public School System – Stapleton K-8 school**
 - i. Produced extensive list of green building materials for all categories of CSI specifications.
 - ii. Presented specialized material information to the design team and Denver Public Schools District project representatives as part of the LEED team.
 - iii. Produced the materials component of the LEED narrative for Schematic and Design Development phases of the project.
 - iv. Conducted specialized materials research and prepared and delivered reports to design team and City of Denver project representatives as part of the LEED process.
 - v. Coordinated field trip to review recommended materials in use with Denver Public School Systems facility managers.
- **RNL Architects: Victor Valley Transit Authority**
 - i. Presented specialized material information to the design team and VVTA project representatives as part of the LEED team.
 - ii. Prepared materials reports and conducted special material research.
 - iii. Produced the materials component of the LEED narrative for Schematic and Design Development phases of the project.
- **Slater Paull Architects: North High School**
 - i. Presented specialized material information to the design team as part of the LEED team.
- **Fentress Architects: San Jose International Airport – Terminal A modifications, Terminal B phase 1**
 - i. Presented specialized material information to the design team and City of San Jose project representatives as part of the LEED team.
 - ii. Conducted sustainability audit and prepared and delivered reports to design team and City of San Jose project representatives as part of the LEED process.

