

Design Process Investigation

What does it take to produce new work?



"Creativity is the defeat of habit by originality" Arthur Koestler

In order to develop a new place from an existing, designers have a methodology. They do one thing then another thing, building on each activity toward a final design. Usually this process involves some kind of site analysis, development of a concept, application of the concept to the site and its various conditions, then various iterations of the design responding to the desires of the client/user group, and finally the built work and all its required fine tunings. It's usually a process of thinking-drawing-making-critiquing and responding - not necessarily in that order.

You are asked to investigate various ideas that can be part of a design process and present it to the class. Your presentation must include a visual presentation as well as a short spoken presentation. Discuss the possible benefits and application of the various strategies in a critical manner as to give clear insight of the process idea to your classmates. In addition provide a handout that summarizes the process idea. The reading list outlined below for each design strategy idea can be extended with other literature that you are aware of. In addition you can include your own design experience either from previous studios or outside of school.

Be aware that each of you will borrow from the design processes ideas, and then bend the strategies outlined to make your own. You may also use processes you've learned in previous studios through your instructors, or build on processes you are developing for yourself.

Project schedule

Assigned Thursday October 25.

Read literature under "Introduction to the design process" by Thursday Nov 9, for a discussion with Liska Chan and Dave Hulse.

Presentations Thursday Nov 16.

Materials and Presentation

Have handouts made for each classmate (16 handouts total).. Please address the following issues both in the handout and in the presentation:

1. Lay out the design process in the clearest manner that you can (**use diagrams to do this**).
2. Offer examples of how the process has been used by the various designers you read about.
3. Offer a critique of the process - what are some of the strengths and what are some of the weaknesses of the methodology?
4. Additionally, offer a critique of the readings you did for this assignment. Which ones did you find most useful, and why?

PROCESS STRATEGIES AND REFERENCES

INTRODUCTION TO THE DESIGN PROCESS (all students read)

Lawson, Bryan 1990. How Designers Think, The Design Process Demystified, second edition. Read from the Introduction chapter the first paragraph titled "Design Education" pp. 1-3, and the paragraph titled : "The Design Process" pp. 90-93 (AAA NK1510.L4 1990)

Girot, Christophe 1999. "Four Trace Concepts in Landscape Architecture." In Recovering Landscape: Essays in Contemporary Landscape Architecture J. Corner, ed. Princeton: Princeton Architectural Press. pp. 58-67. (AAA SB472 .R385 1999)

Steinitz, Carl 1995. "Design is a Verb; Design is a Noun." *Landscape Journal* Vol 14, #2.pp 188-200, Read only pages 188-190 (AAA SB469 .L32)

RIGOROUS RESEARCH AND SITE ANALYSIS

Lootsma, Bart 1999. "Synthetic Regionalization: The Dutch Landscape Toward a Second Modernity." In Recovering Landscape: Essays in Contemporary Landscape Architecture J. Corner, ed. Princeton: Princeton Architectural Press. pp.250-274. (reserveAAA SB472 .R385 1999)

Julie Bargmann and D.I.R.T. Studio

Bargmann's studio and her process is outlined on the D.I.R.T. Studio website:

<http://www.dirtstudio.com>

Reder, Alan "Toxic Avenger" in *Garden Design* August/September 2001 pp.9-10 (AAA SB 469 .G27)

Robert Venturi and Denise Scott Brown

Learning from Las Vegas, revised edition , 1994 [by] Robert Venturi, Denise Scott Brown, and Steven Izenour Cambridge, Mass., MIT Press [1972], Read pages 3-6 and 10-50 and 54-71 (reserve AAA NA735.L3 V4 1977)

James Corner

Corner, J. 1999. "Eidetic Operations and New Landscapes." In Recovering Landscape: Essays in Contemporary Landscape Architecture J. Corner, ed. Princeton: Princeton Architectural Press. pp.153-169. (rAAA SB472 .R385 1999)

As a cautionary note to rigorous research and site analysis read:

Lawson, Bryan, 1995. How Designers Think, The Design Process Demystified, second edition, page 41. (reserve AAA NK1510.L4 1990)

CASE STUDIES AND PRECEDENTS

Antoniades, Anthony C. 1990 Poetics of Architecture, Theory of Design, Chapter 8 "History, Historicism and the Study of Precedents ". 145-169 (AAA NA2750.A65 1990)

Francis, Mark 2001. "A Case Study Method for Landscape Architecture." *Landscape Journal*, Vol. 20, Number 1, pp. 15-29. (AAA SB469 .L32)

Kirkwood, Niall, 1999 The Art of Landscape Detail, Fundamentals, Practices and Case Studies, Read "Abstracting Nature's Details: A Planted Path Along a Cove" pp 294-305 especially note page 297 (reserve AAA SB 472.5.K57)

Jacobs, Alan 1996. Great Streets. Cambridge MIT Press. (reserve AAA NA9053.S7 J23 1995)

STUDIES OF HUMAN BEHAVIOR

William H. Whyte

The Social life of small urban spaces [videorecording] / Municipal Art Society of New York ; by William H. Whyte
Los Angeles, CA : Direct Cinema Limited, 1988, c1979 (VIDEOTAPE 01904)

Laurie Olin

The rebirth of New York City's Bryant Park / written by J. William Thompson
Washington, DC : Spacemaker Press, c1997 (reserve AAA F128.65.B79 T56 1997)

Transforming the common place : selections from Laurie Olin's sketchbooks / [editor, Brooke Hodge]

Publisher: Cambridge, Mass. : Harvard University Graduate School of Design ; New York : Princeton Architectural Press, c1996 (reserve AAA SB469.78.U6 O45 1996)

Walter Hood

Urban diaries / Walter Hood ; edited by Leah Levy

Publisher: Washington, D.C. : Spacemaker Press, c1997 (reserve AAA NA737.H59 A35 1997)

REGIONAL ANALYSIS

Harkness, Terry. "Can Landscape Architecture Reflect the essence of regional landscapes?" in *Landscape Architecture* 84:04. 66-67. (AAA SB469 .L25)

"Regionalism Reconsidered" in *Landscape Architecture* 84:04. 78-84. (AAA SB469 .L25)

Frampton, K. 2001. "Place, Form, Cultural Identity", in *Arcade* 20:1.(AAA x NA9000.A7 on journals shelf)

Polyzoides, Stephanos, 1997. The Streets of Playa Vista. *Places, Streets: Old Paradigm, New Investment*. Vol. 11, Number 2, pp 22-27 (AAA HD101.P32)

Woodward, Joan Hirschman 1997. Signature-Based Landscape Design. In Ecological Design and Planning, editors George F. Thompson and Frederick R. Steiner, Chapter 8, pp 201-225 (reserve AAA SB472.45 .E36 1997)

ON-SITE DESIGN AND FULL-SCALE MODELS

Lawson, Bryan 1990. How Designers Think, The Design Process Demystified, second edition. Read from chapter 2 pp. 10-17 (reserve AAA NK1510.L4 1990)

Kirkwood, Niall, 1999 The Art of Landscape Detail, Fundamentals, Practices and Case Studies, Read "Scaling of the Civic Landscape Detail" pp 236-249 especially (reserve AAA SB 472.5.K57)

A.E.Bye

Rainey, Reuben. The Landscape Art of A.E. Bye. *The Princeton Journal* Volume 2 pp 114-123 (AAA NA1 .P69)

Richard Haag

Richard Haag : Bloedel Reserve and Gas Works Park / William S. Saunders, editor ; with essays by Patrick M. Condon, Gary R. Hilderbrand, Elizabeth K. Meyer (reserve AAA SB466.U7 B58 1998)

Humphry Repton

The red books of Humphry Repton: (These are in the AAA Library under AAA Secure Call number x SB471.R463 v.1-4. You can read them in the library.)

Richard Long - students to cruise the books

Andy Goldsworthy - students to cruise the books

ASSOCIATIVE, DIVERGENT AND LATERAL THINKING

Jones, John Chris, 1992 Design Methods, second edition, read "Designers as Black Boxes" pp 46-47 (reserve AAA TA 174.J66)

Lawson, Bryan 1990. How Designers Think, The Design Process Demystified, second edition. Read "Intelligence and creativity" and "creativity and design" pp.114-120 (reserve AAA NK1510.L4 1990)

Fletcher, Alan The Art of Looking Siteways, Read pp 29-33 and 77-78 and 139-143 and 167-168 and 426, scan the rest of the book (borrow from Liska)

Sinkkila, Jyrki, 1993 "Crossroads of five visions" , Topos ,European Landscape Magazine pp. 38-54 (AAA SB469 .T66)

Moore, Kathryn, 1993 "Developing the art of design", , Topos ,European Landscape Magazine pp. 109-114 (AAA SB469 .T66)

Dan Kiley

Process Architecture no. 108 1993 - especially "What is Design?" by Dan Kiley. Pp. 8-19 and "The work of Dan Kiley" by Jaquelin Robertson p. 20. (reserve AAA NA1.A1 .P7)

Laurie Olin

Kirkwood, Niall, 1999 The Art of Landscape Detail, Fundamentals, Practices and Case Studies, Read "Recessive Details in a Historic Public Setting" pp 224-235 especially Olin's answers on page 228. (reserve AAA SB 472.5.K57)

Fletcher Steele

Karson, Robin. 1988. Fletcher Steele's Places to Dream. In *Landscape Architecture Magazine* December 1988. (AAA SB469 .L25)

Trieb, Marc. 1991. Fletcher Steele, Landscape Architect: An Account of the Gardener's Life 1885-1971. (by) Robin Karson - A book review. (borrow from Liska)

Karson, Robin 1989. Fletcher Steele, Landscape Architect: An Account of the Gardener's Life 1885-1971. New York: Sagapress, Inc. (borrow from Liska)

Peter Zumthor

Read webpage: <http://www.archidose.org/Jun99/061499b.htm>

METAPHOR

Diethelm, Jerome Designing in an Environmental Field Browse the book, especially Chapter: "A Good Theory of Environmental Design". (AAA GF90 .D54 1998)

Eaton, Marcia Muelder 1990: "Responding to the call for new landscape metaphors." *Landscape Journal* Vol. 9. No. 1. 22-27. (AAA SB469 .L32)

Coyne, R., Snodgrass, A. and D. Martin. 1994. "Metaphors in the Design Studio." *Journal of Architectural Education* 48:2. 113-125. (AAA NA1 .J77)

Hansen, R. 1995. "Review of *Landscape as Metaphor: Visions of America in the Late 20th Century*." In *Landscape Journal* 14:1 (AAA SB469 .L32)

Goodman, Nelson. 1968. *Languages of Art*. Indianapolis: Bobbs-Merrill Corp. pp. 71-85.

Antoniades, Anthony C. 1990 Poetics of Architecture, Theory of Design, Chapter 2 "Metaphor" pp. 29-48 (AAA NA2750.A65 1990)

Laurie Olin

Olin, Laurie 1988. Form, Meaning and Expression. *Landscape Journal* Vol 7,#2, pp 149-168 (AAA SB469 .L32)

VALUEING AND IDEOSYNCRATIC FILTERING

Lawson, Bryan 1990. How Designers Think, The Design Process Demystified, second edition. Read on pp. 17-19 the paragraph titled "The traditional design process", page 65 and from chapter 10 "Design philosophies" pp. 121-130 and the italic quote on page 11 (reserve AAA NK1510.L4 1990)

Viray, E.J.S.. 2000. "Conversation with Bruce Mau: Resonating Lifestyles" A + U 01:12 (375). Pp. 10-15. Flip through: Mau, B.2000. *Lifestyle*. (borrow from Liska Clemence)

Martha Schwartz

Martha Schwartz : "transfiguration of the commonplace" / essay by Elizabeth K. Meyer, interview with Martha Schwartz ; edited by Heidi Landecker ; graphic design by Sarah Vance. Publisher Washington, DC : Spacemaker Press, 1997 (reserve AAA SB470 .S39 1997)

Bernard Lassus

Weilacher, Udo. 1999. Between Landscape Architecture and Land Art. Basel Switzerland: Birkhauser. Pp. 105-120. (reserve AAA SB472 .W5513 1996)

Peter Walker

Process: architecture 1989 Oct., no.85, p.142-145, ISSN 0386-0744. (AAA NA1.A1 .P7)

Levy, Leah, 1997. "Dialogue with the Land: the Art of Peter Walker" Peter Walker , Minimalist Gardens, Spacemaker Press, pp.7-9 (reserve AAA SB470.W34 P467 1997)

Hargraeves Associates

Hargraeves: landscape works / edited by Steve Hanson.

diagrams, drawings, models, photos., plans, site plans, sketches, aerial photos. In: Process: architecture 1996 Jan., n.128, entire issue (144p.), ISSN 0386-037X. (AAA NA1.A1 .P7)

Morphosis

Morphosis Building and Projects 1193-1997, essays by Thom Mayne, Tony Robins, Anthony Vidler, Read Appendix 1.1-1.10 including the notes + Appendix 11.1-11.5: "Il about the work" 1. Spreeboge + scan the images and timeline in the back. (rAAA NA737.M72 M67 1999)

NARRATIVE AND POETRY

Antoniades, Anthony C. 1990 Poetics of Architecture, Theory of Design, Chapter 6 "Poetry and Literature" pp. 103-120 (reserve AAA NA2750.A65 1990)

Grant Jones

Jones, Grant, 2001. The Fullness. *Landscape Journal*. Vol. 20, Number 1, pp. 4-12. (AAA SB469 .L32)

Joni Palmer

Palmer, Joni, 2001. Internal and External Landscapes. *Landscape Journal*. Vol 20, Number 1. pp. 13-14. (AAA SB469 .L32)

Walter Hood

Urban diaries / Walter Hood ; edited by Leah Levy

Publisher: Washington, D.C. : Spacemaker Press, c1997 (reserve AAA NA737.H59 A35 1997)

Peter Latz

Steinglass, Matt Oct. 2000. "The Machine in the Garden", *Metropolis* 20, p 128-131 + 166-167. (AAA x N6535.N5M47)

George Hargraeves

Process Architecture: Hargraeves: Landscape Works No. 128. 1996. Read especially: "Introduction: Toward Site Specificity" by Susan Rademacher pp.8-22. And "'Physicality' + 'Narrative': The Urban Parks of Hargraeves Associates" by Reuben Rainey. Pp. 29-44. (rAAA NA1.A1 .P7)

INVESTIGATION THROUGH REPRESENTATION

Lawson, Bryan 1990. How Designers Think, The Design Process Demystified, second edition. Read Lawson's experiment on pp. 30-32 and pp. 135 and pp.170-173 "The Icon Trap". (reserve AAA NK1510.L4 1990)

Moore, Kathryn, 1993 "Developing the art of design", , *Topos, European Landscape Magazine* pp. 109-114 (AAA SB469 .T66)

Hurley, Denzil "About Making" *Yale Architectural Journal Perspecta* 19. MIT Press (AAA NA1.P46)

William Christenberry

Christenberry : reconstruction : the art of William Christenberry / Trudy Wilner Stack ; essays by Allen Tullos and Trudy Wilner Stack. Jackson, Miss. : University Press of Mississippi, c1996 (reserve AAA TR647 .C47 1996)

James Corner

Corner, J. and A. MacLean. 1996. Taking measures : across the American landscape (reserve AAA TR660.5 .C67 1996)

Corner, J. 1999. Eidetic Operations and New Landscapes. In *Recovering Landscape: Essays in Contemporary Landscape Architecture* J. Corner, ed. Princeton: Princeton Architectural Press. pp.153-169. (reserve AAA SB472 .R385 1999)

_____ 1992. "Representation and landscape: drawing and making in the landscape medium." *Word & Image*. 18:3. pp. 243-275. (AAA NX1.W64)

Lawrence Halprin

Lawrence Halprin: Changing Places San Francisco Museum of Modern Art. 1986. (reserve AAA SB470.H35H35 1986)

Halprin, L. *RSVP Cycles: Creative Processes in the Human Environment*. New York: George Brazillier. 1970. (reseve AAA NX175 .H3 1970)

Notebooks of Lawrence Halprin, 1959-1971. Cambridge: MIT Press, 1972. (Borrow from Liska Clemence)

Yves Brunier

Yves Brunier. Landscape Architect, Paysagiste, 1996, editor Michel Jacques, published by Birkhauser, Read "The manner of Yves Brunier" pp. 15-17 and look at images in the book. (reserve AAA SB470.B78 A3 1996)