

Columbia University  
GSAPP, A6817  
Fall 2016  
Tuesday, 11-1, Buell 300S  
Mary McLeod  
Office hours: Thursday, 2-3:30

“Built in Uncertainty”: Shadrach Woods, A Search for a System  
A Research Colloquium

“It isn’t geniuses we need now.”  
—José Antonio Coderch, 1960

“Our primary concern is neither the making of objects in space, nor the enclosure of spaces, however, significant these may be. Our concern is the organization of places and ways for dwelling today, and to the extent of our possibilities, tomorrow.”  
—Shadrach Woods, 1962

“We are concerned, not with ‘architecture’ or ‘town planning,’ but with the creation of the environment at every scale. . . . The problems which we face in making our world are entirely new. . . . The concept of society towards which we strive: that of a completely open, non-hierarchical co-operative in which we all share on a basis of total participation and complete confidence. . . . We cannot think of planning in static terms, in three-dimensional space, when we live in a four-dimensional world. The realization, for instance, that the scene of action of reality is not a three-dimensional Euclidian space, but rather a four-dimensional world, in which space and time are linked together indissolubly, sets are civilization apart from any others.”  
—Shadrach Woods, 1964

“The fault of course lies not in the plan but in ourselves. . . . We do not practice democracy nor do we live in an open society . . . we hold these up as ideals to be revered, while going about the sordid business of getting and spending.”  
—Shadrach Woods, 1964

“And if there are no more cities, we return to savagery.”  
—Shadrach Woods, 1967

“We could go on to understanding and accepting the planet as a single city-organization. The physical form of the global city, the geometry of its web of communication, the constellation of points of intensity of activity, of production and exchange cannot be predetermined. Those constellations are constantly shifting; the web deforms and reforms itself to accommodate them.”  
—Shadrach Woods, 1975 (posthumous)

This colloquium investigates the architecture and thinking of Shadrach Woods and the firm Candilis- Joscic-Woods, using the archives of Shadrach Woods, located in Avery Library. It is the intention of the class that students gain a detailed knowledge of these drawings and papers, conduct interviews (taped and transcribed oral histories), select documents for a publication, and write introductions to texts and descriptions of projects for this publication. The course is envisioned as a research workshop for a book to be published by GSAPP of Shadrach Woods' writings with some illustrations of projects. While the focus is on primary research, it is hoped that students will also gain a solid background in architectural developments relevant to the practice of Candilis-Joscic-Woods (notably, the architecture and planning theories of Le Corbusier, CIAM, Team 10) and a knowledge contemporary social, economic, and cultural currents in postwar France and in the United States (such as colonial housing, postwar reconstruction in France, the Grands Ensembles and housing policy, emergence of the Welfare State, the development of mass leisure and consumer society, the Lindsay administration and New York City urban development, American architecture education, etc.). In conjunction with the seminar, there will also be a series of presentations by individuals who worked with or studied with Woods (such as Waltraude Woods and Peter Papademetriou) and by scholars who are familiar with aspects of the firm's work or the cultural context of the period (such as Maria González, Inderbir Riar, Gabriel Feld, and Rosemary Wakeman).

Woods's production, along with that of others at Candilis-Joscic-Woods and his fellow participants in Team 10, represents a significant shift in the evolution of modern architecture. Though deeply indebted to the work of Le Corbusier and of the first generation of modern architects, Woods and his colleagues sought another kind of modern architecture, one that was more responsive to human needs and desires, and less rigid in its formal resolution. They did not reject functionalism or the commitment to mass housing, but these second-generation modernists saw social parameters (community, street life, urban culture, social exchange, and collective values) as important as—or more important than—more pragmatic concerns, whether structure or program. They were eager to create spaces and forms of habitation that accommodated and fostered everyday life—a richer, and more fulfilling everyday life. Their emphasis on uniting architecture with ordinary urban culture—what Tom Avermaete has somewhat provocatively called “acculturation”—might be seen as part of a broader postwar movement known as the “New Humanism.” However, insistent they were on these human subjective elements, however, Woods and his partners, along with their fellow Team 10 members (Bakema, de Carlo, the Smithsons, van Eyck, and others) also confronted the large-scale realities of postwar construction and the emergence of a full-fledged consumer society. Many of their projects were huge; one large group of housing projects that C-J-W designed was erected under a program called “Operation Million.” Leisure, entertainment, and mass-education were all important areas in their explorations. The formal implications of this change in focus are at times paradoxical: while the architecture of C-J-W is deeply indebted to the postwar work of Le Corbusier—concrete; plain surfaces, primary colors, brise soleils or balconies—it dispenses with platonic forms and regular geometry, and the sophisticated planar plays and transparencies of “Purist” composition, for forms of organization that accommodate growth, change, and more complex social patterns. With Woods's idea of the “stem” and “web,” the notion of boundary or formal definition itself comes into question.

Requirements: There will be a series of short presentations in the course of the semester. All students will be expected to make at least two presentations on books or group of articles relevant to the seminar (one of a book or article not by Candilis, Josic, or Woods, one of a book or article by one of the firm members) and one presentation with images (either from the archives or with slides) of one project or group of projects in which Woods or C-J-W were involved. In addition, students may write short biographical notes, and conduct one oral history with a participant in the work that will be transcribed. Finally, students will be asked to write either a book review of a recent publication on Team 10 or Candilis-Josic-Woods or a thematic essay (approximately 8-10 pages) involving material related to their research. A longer research essay or further work on the exhibition and catalogue is an option for those wishing to pursue the material further.

### Seminar schedule

1. Radiant City and The Athens Charter
2. CIAM and Le Corbusier's urbanism 1936-1945: Ilot 6, the New Monumentality, *Logis et Loisirs*, *The Four Routes*, *The Three Establishments*, *Concerning Town Planning*
3. Marseille Unité d'habitation, St. Dié, CIAM 1946-1948, ASCORAL grid
4. ATBAT and CIAM 1953: La Charte de l'Habitat and its critique
5. French reconstruction and housing in the 1950s (projects by C-J-W and the Smithsons), Bagnols-sur-Cèze, Bobigny, Golden Lane
6. Team 10: Doorn Manifesto, the Otterlo meeting 1959, Team 10 Primer
7. Housing in the 1960s (projects by C-J-W, de Carlo, and the Smithsons) the "Stem": Caen-Hérouville competition, Bilbao Val d'Asua competition, Toulouse-le-Mirail, Robin Hood Gardens
8. Urban infrastructure (projects by C-J-W, the Smithsons, Bakema): Steilshoop competition for Hamburg, Frankfurt Römerberg competition, Royaumont and Berlin meetings
9. Mass leisure: Vallée de Bellevilles, Barcarès-Leucate
10. From the "Web" building to the regional "Zone" plan: Free University, Berlin, the Venice Hospital, the "Matrix" meeting (Berlin 1973), Paris Nord
11. Woods as activist, publicist, and teacher: the 1968 Milan Triennale (il grande numero), *Carré Bleu*, *Urbanism Is Everybody's Business*, *What You Can Do*, *The Man in the Street*, American teaching: Cornell, GSD, Yale, Rice, Washington University
12. The New York projects: Staten Island proposal, Cooper Square housing, Lower Manhattan Expressway, housing Central Park North

## Possible paper topics

An edited selection of several primary texts by Woods (and possibly by colleagues) with introductions  
Book review of Team 10 catalogue and/or Tom Avermaete's book *Another Modern*  
French postwar housing planning policy and the housing projects of CWJ  
"Operation Million"  
ATBAT's work in North Africa in comparison to other contemporary housing projects (note: the Algerian projects have not been studied extensively)  
The "aesthetics" of Candilis-Josic-Woods  
The collaboration of Candilis-Josic-Woods with Jean Prouvé  
The development of the idea of "stem"  
The development of the idea of "mat" building (mat and stem may be explored together)  
Woods and Fluxus (Robert Filiou)  
Woods's ideas on education  
Woods as a teacher  
Woods as a writer, an analysis of several written works  
Mass leisure and the projects of C-J-W  
The New York projects of Woods  
"Organic" structuring systems: from cluster to stem to web  
The urban planning proposals of C-J-W  
An analysis and critique of Toulouse le Mirail  
The influence of C-J-W (could be on education or on figures such as Bernard Tschumi and Rem Koolhaas)  
Team 10 urbanism: The Frankfurt and Hamburg competitions  
Candilis as a writer and thinker  
The apprenticeship at rue de Sevres  
Carré Bleu  
The "New Humanism" and the thought of C-J-W  
Paul-Henry Chombart de Lauwe and French sociology in the 1950s: its influence on ideas about French dwelling  
A close reading and critical analysis of *The Man in the Street*

## Readings

All students should study carefully three books: Shadrach Woods, ed., *Buildings for People: Candilis-Josic-Woods* (alternatively titled *Candilis-Josic-Woods*, and *Documents of Modern Architecture*, ed. by Jürgen Joedicke), Tom Avermaete, *Another Modern: The Post-War Architecture and Urbanism of Candilis-Josic-Woods*, and Max Riselada and Dirk van den Heuvel, eds., *Team 10: In Search of a Utopia of the Present*. Students are encouraged to read a historical survey such as David Thomson's *Democracy in France* or Alfred Cobban's *A History of Modern France* in conjunction with the class. For the postwar period, the group will read sections of Kristin Ross's *Fast Cars, Clean Bodies*, Jean-Louis Cohen's *France: Modern*

*Architecture in History*, and Kenny Cupers' *The Social Project: Housing Postwar France*. All books by and about Le Corbusier are readily available in Avery Library. Other assigned readings will be on the seminar shelf or reserve in Butler. Those books marked with an asterix should be available at Book Culture. Unfortunately, Avermaete's book and Risselada and van den Heuvel's Team 10 catalogue are not readily available at a reasonable price. I have listed English translations whenever available, but students who read French easily are encouraged to read the original versions of those books written in French.

#### Week 1

Le Corbusier, *The Athens Charter*, trans. Anthony Eardley (New York: Grossman, 1975).

Le Corbusier, *The Radiant City* (New York: The Orion Press, 1967), passim.

Mary McLeod, "Le Corbusier and Algiers," *Oppositions* 19/20 ((Winter/Spring 1980), pp. 53-85; reprinted in Michael Hays, ed., *Oppositions Reader* (New York: Princeton Architectural Press, 1998), pp. 487-519.

Giorgio Ciucci, "The Invention of the Modern Movement," trans. Stephen Sartarelli, *Oppositions* 24, pp. 68-91; reprinted in *Oppositions Reader*, pp. 552-75.

Kenneth Frampton, "The City of Dialectic," *Architectural Design* 39, no. 10 (October 1969), pp. 541-46.

Note: It is assumed that all of you have at some point read Le Corbusier's *Urbanisme (City of Tomorrow)*. If you have not, please familiarize yourself with the basic ideas.

\*Eric Mumford, *The CIAM Discourse on Urbanism, 1928-1960* (Cambridge, Mass.: MIT Press, 2000), pp. 73-91.

#### Additional readings:

José Luis Sert, *Can Our Cities Survive? An ABC of Urban Problems, Their Analyses, Their Solutions, Based on the Proposals Formulated by the CIAM* (Cambridge, Mass.: Harvard University Press, 1942).

Martin Steinmann, ed., *CIAM: Dokumente 1928-1939* (Basel and Stuttgart: Birkhäuser, 1979).

#### Week 2

CIAM, *Logis et loisirs* (Boulogne-sur-Seine: Editions de l'architecture d'aujourd'hui, 1937).

Rare book room. Focus on the general statements, though look especially at the Italian contribution. Excerpts are in Steinman (see below).

Le Corbusier and Pierre Jeanneret, *Oeuvre complète 1934-1938*, ed. Max Bill (Zürich: Les Editions d'Architecture/Artemis, 1986), pp. 48-57 (section on Ilot 6).

Le Corbusier, *Sur les 4 Routes*, 1941; trans. Dorothy Todd, *The Four Routes* (London: Dennis Dobson, 1947), passim.

Le Corbusier and François de Pierrefeu, *La Maison des hommes*, 1942; trans. Clive Entwistle and Gordon Holt, *The Home of Man* (London: Architectural Press, 1948), pp. 50-156.

Le Corbusier, *Propos d'Urbanisme*, 1946, trans. Clive Entwistle, *Concerning Town Planning* (London: The Architectural Press, 1946)..

#### Additional readings:

Mumford, *CIAM Discourse*, pp. 150-58

Steinman, *CIAM: Dokumente*, pp. 174-207.

Jean-Louis Cohen, "Modernism in Uniform: Occupation Architecture in France and Germany (1940-1950)," in *Wars of Classification: Architecture and Modernity*, ed. Wallis Miller (New York: Princeton Architectural Press, 1991).

### Week 3

CIAM 8, "Summary of Needs at the Core," in *Architecture Culture 1943-1968*, ed. Joan Ockman with Edward Eigen (New York: Rizzoli, 1993), pp. 135-36.

Le Corbusier, *The Marseilles Block*, trans. Geoffrey Sainsbury (London: Harville Press, 1953).

Lewis Mumford, "The Marseilles Folly," in *Highway and the City* (New York: Harcourt, Brace and World, 1963), pp. 53-66.

Tim Benton, "Unité d'habitation," in *Le Corbusier: Architect of the Century*, exhibition catalogue, Hayward Gallery (London: Arts Council of Great Britain, 1987), pp. 220-39.

Le Corbusier, *Oeuvre complète 1938-1946*, ed. Willy Boesiger, 4th ed. (Zurich: Editions Girsberger, 1961), pp. 132-39 (urban plans for St. Dié). Also please look at other urban plans and familiarize yourself with Le Corbusier's work during this period.

Le Corbusier, *Oeuvre complète 1946-1952*, ed. W[il]y Boesiger, 2nd ed. (Zurich: Editions Girsberger, 1955), pp. 40-41 (the CIAM grid), pp. 193-228 (mostly pictures of the Unité).

Rémi Baudouï, "From Tradition to Modernity: The Reconstruction of France," *Rassegna 54*, The Reconstruction in Europe after World War II (June 1993), pp. 68-75.

Max Risselada and Dirk van den Heuvel, eds., *Team 10 1953-81: In Search of a Utopia of the Present* (Rotterdam: NAI Publishers, 2005), pp. 18-19.

Georges Candilis, "Chez Le Corbusier en France," *Batir la vie: Un architecte témoin de son temps* (Paris: Stock, 1977), pp. 135-79. (for those who read French)

### Additional readings:

André Wogensky, "The Unité d'habitation at Marseille," in H. Allen Brooks, *Le Corbusier* (Princeton, N.J.: Princeton University Press, 1987), pp. 117-26; also published as *Le Corbusier: The Garland Essays* (New York: Garland Press, 1987).

Jos Bosman, "CIAM after the War: A Balance of the Modern Movement," *Rassegna 52* (December 1992), pp. 6-21.

Mumford, CIAM Discourse, pp. 159-238.

*Grille CIAM d'urbanisme* (Boulogne: Editions de l'architecture d'aujourd'hui, 1948).

Anatole Kopp, "La 'Bataille' de Marseille," in *Le Corbusier et la Méditerranée* (Marseilles: Parenthèses, 1987), pp. 179-89.

\*Jacques Sbriglio, *Le Corbusier: L'Unité d'habitation de Marseille/ The Unité d'Habitation in Marseilles* (Paris: Fondation Le Corbusier and Basel: Birkhäuser, 2004). A useful guidebook for the trip.

Jacques Sbriglio et al, *L'Unité d'habitation de Marseille* (Marseilles: Parenthèses, 1987).

Peter Serenyi, "Le Corbusier, Fourier, and the Monastery at Emo," in Serenyi, pp. 103-16.

Anthony Vidler, "The Idea of Unity and Le Corbusier's Urban Form," *Architects Yearbook 15* (1968), pp. 225-35.

David Jenkins, *Unité d'habitation Marseilles* (London: Phaidon Press, 1993).

Alison and Peter Smithson, "The Theme of CIAM 10," *Architects' Year Book*, no. 7 (1956), pp. 28-31.

CIAM, *Contribution à la charte de l'habitat: CIAM 9, Aix-en-Provence, 15-25 juillet 1953*.

Documents of Modern Architecture (Nendeln: Kraus Reprint, 1979).

Gérard Monnier, *Le Corbusier: Les Unités d'habitation en France* (Paris: Belin-Herscher, 2002).

#### Week 4

Tom Avermaete, *Another Modern: The Postwar Architecture and Urbanism of Candilis-Josic-Woods* (Rotterdam: NAI, 2005), pp. 13-195.

Jean-Louis Cohen, "The Moroccan Group and the Theme of Habitat," *Rassegna*, no. 52 (1992), pp. 58-67.

\*Monique Eleb, "An Alternative to Functionalist Universalism: Ecochard, Candilis, and ATBAT-Afrique," in *Anxious Modernisms*, ed. Sarah Williams Goldhagen and Réjean Legault (Cambridge, Mass.: MIT Press), pp. 55-74.

Aziza Chaouni, "Depoliticizing Group GAMMA: Contesting Modernism," in Duanfang Lu, *Third World Modernism: Architecture, Development and Identity* (Abingdon, Oxon: Routledge, 2011), pp. 57-84.

"CIAM IX: Discussing the Charter of Habitat," in Risselada and van den Heuvel, *Team 10*, pp.18-43.

Candilis, *Batir la vie*, 197-221.

Zeynep Çelik, "The Ordinary and the Third World at CIAM IX," in Risselada and van den Heuvel, *Team 10*, pp. 276-79.

Alison and Peter Smithson, "Collective Housing in Morocco: The Work of ATBAT-Africa: Bodiansky, Candilis-Woods," *Architectural Design*, no. 1 (January 1955), pp. 2-8.

#### Additional readings:

Tom Avermaete, "Framing the Afropolis: Michel Ecochard and the African City," *OASE* 82 (2010), pp. 77-100.

Alfred Wells, "Low-Cost Housing in Casablanca," *Architectural Association Quarterly*, no. 4 (1969), pp. 144-53.

Zeynep Celik, "Learning from the Bidonville: CIAM Looks at Algiers," *Harvard Design Magazine* (Spring/Summer 2003): 69-74.

#### Week 5

Kristin Ross, *Fast Cars, Clean Bodies: Decolonization and the Reordering of French Culture* (Cambridge, Mass.: MIT Press, 1996), selected readings.

\* Kenny Cupers, *The Social Project: Housing Postwar France* (Minneapolis: University of Minnesota Press, 2014), part I.

Georges Candilis, "New Town in France: Bagnols sur Cèze," *Architectural Association Journal* (April 1960).

Georges Candilis, Alexis Josic, Shadrach Woods, "Proposition pour un Habitat Evolutif [article in English]," in Oscar Newman, ed., *CIAM 59 in Otterlo: Group for the Research of Social and Visual Inter-Relationships*, Documents of Modern Architecture, ed. Jürgen Joedicke (London: Alec Tiranti, 1961), pp. 114-27.

#### Additional Reading:

Candilis, *Batir la vie*, pp. 223-68.

Anne Power, *Hovels to High Rise: State Housing in Europe since 1850* (London and New York: Routledge, 1993), pp. 40-51.

Claire Duchen, "Occupation Housewife: The Domestic Ideal in the 1950s France," *French Cultural Studies* 2 (1991): 1-13.

Paul-Henry Chombart de Lauwe et al., *Famille et Habitation: Sciences humaines et conceptions de l'habitation* (Paris: Ed. du CNRS, 1959).

Peter Eisenman, "From Golden Lane to Robin Hood Gardens: or if you follow the Yellow Brick Road, it may not lead to Golders Green," *Oppositions* 1 (September 1973), pp. 27-56.

Alison and Peter Smithson, *The Charged Void: Architecture* (New York: Monacelli, 2001), pp. 86-95, 296-325.

Alison Smithson, "An Urban Project," *Architects' Year Book* 5 (1953), pp. 48-55.

Ben Highmore, "Rescuing Optimism from Oblivion," in Risselada and van den Heuvel, *Team 10*, pp. 271-75.

#### Week 6

\*"Doorn Manifesto," CIAM Meeting 29-30-31 January 1954, in *Architecture Culture*, pp. 181-83.

Alison Smithson, ed., *Team 10 Primer* (Cambridge, Mass. and London: MIT Press, 1968).

Peter L. Laurence, "Modern or (Contemporary) Architecture circa 1959," in Elie G. Haddad and David Rikkind, *A Critical History of Contemporary Architecture* (Farnham, Surrey: Asgate, 2014), pp. 9-29.

Jos Bosman, "Team 10 out of CIAM," in Risselada and van Dirk, *Team 10*, pp. 146-51.

Kenneth Frampton, "The Vicissitudes of Ideology: CIAM and Team X, Critique and Counter-Critique 1928-68," in *Modern Architecture: A Critical History* (London: Thames and Hudson, 1980), pp. 269-79.

Catherine Blain, "Team 10: The French Context," paper presented at "Team 10: Between Modernity and the Everyday," TU Delft, Netherlands, June 5-6, 2003.

#### Additional readings:

Cornelis Wagenaar, "Jaap Bakema and the Fight for Freedom," in *Anxious Modernisms*, pp. 260-77.

Annie Pedret, "CIAM and the Emergence of Team 10 Thinking," Ph.D. dissertation, MIT, 2001.

Alison Smithson, *Team 10 Meetings* (New York: Rizzoli, 1991).

\_\_\_\_\_, *The Emergence of Team 10 out of CIAM: Documents* (London: Architectural Association, 1982).

#### Week 7

Shadrach Woods, "Stem," *Architectural Design* 30, no. 5 (May 1960), p. 161; *Ibid.*, no. 12 (December 1962), pp. 594-96.

Georges Candilis, Alexis Josic, and Shadrach Woods, "Toulouse le Mirail," *Architectural Design* 41 (October 1971), pp. 599-604.

Peter Smithson, "Toulouse le Mirail Housing in France by Candilis, Josic, Woods," *Architectural Design*, no. 10 (October 1971), pp. 599-604.

Rosemary Wakeman, *Modernizing the Provincial City: Toulouse, 1945-1975* (Cambridge, Mass.: Harvard University Press, 1997), chap. 4, pp. 111-45, notes: pp. 289-95. Chap. 4 and conclusion also recommended.

#### Additional reading:

Georges Candilis, *Toulouse le Mirail: Geburt einer neuen Stadt/ La Naissance d'une ville nouvelle/ Birth of a New Town*, Candilis, Josic, Woods (Stuttgart: K. Kramer, 1975).

Inderbir Riar Singh and Mark Lyon, "Ideal Plans and Planning for Ideas," *AA Files*, no. 63 (July/Dec. 2011): 74-86.

Dominique Rouillard, "La Théorie de la ville: Toulouse Le Mirail," *amc*, no. 103 (December 1999), pp. 126-33.

#### Week 8

Henri Lefebvre, "The Right to the City," in *Architecture Culture*, pp. 428-36.

Shadrach Woods, "Urban Environment: The Search for a System," in *World Architecture/One* (London, 1984), pp. 150-54.

\_\_\_\_\_, "Frankfurt: The Problems of a City in the Twentieth Century," *Ibid.*, 156.

Avermaete, *Another Modern*, pp. 197-332.

Kenneth Frampton, "The Generic Street as Continuous Built Form," in Stanford Anderson, ed., *On Streets* (Cambridge, Mass.: MIT Press, 1978), pp. 309-39

Alexander Tzonis and Liane Lefaivre, "Beyond Monuments, Beyond Zip-a-tone, Into Space/Time: Contextualizing Shadrach Woods's Berlin Free University: A Humanist Architecture," in Gabriel Feld et al., *Free University Berlin, Candilis, Josic, Woods, Schiedhelm* (London: AA Publications, 1999), pp. 118-41.

#### Additional readings:

Alison Smithson, *Urban Structuring: Studies of Alison and Peter Smithson* (London: Studio Vista/New York: Reinhold, 1967).

#### Week 9

Avermaete, *Another Modern*, pp. 334-78

or:

Tom Avermaete, "Travelling Notions of Public and Private: The French Mass Tourism Projects of Candilis-Josic-Woods," *OASE*, no. 64 (2004): 16-45.

Georges Candilis, *Planning and Design for Leisure* (Stuttgart: Karl Krämer, 1972).

Ellen Furlough, "Making Mass Vacations: Tourism and Consumer Culture in France, 1930s to 1970s," *Comparative Studies of Society and History*, vol. 40, no. 2 (1998), pp. 247-86.

José Luis Sert, *Can Our Cities Survive?: An ABC of Urban Problems, Their Analysis, Their Solutions* (Cambridge, Mass.: Harvard University Press), pp. 77-104.

#### Additional reading:

Catherine Clarisse, Gabriel Feld, Mary McLeod, and Martha Teall, "Charlotte Perriand and the Alps: Skiing for the Masses," in Mary McLeod, ed., *Charlotte Perriand: An Art of Living* (New York: Harry N. Abrams, 2003), pp. 182-95.

#### Week 10

Pablo Allard, "Bridge over Venice," and Eric Mumford, "The Emergence of Mat or Field Building," in Hashim Sarkis, ed., *Le Corbusier's Venice Hospital and the Mat Building Revival*, Case Series (Munich and New York: Prestel, 2001), pp. 18-35, 48-65.

\*Gabriel Feld et al., *Free University Berlin, Candilis, Josic, Woods, Schiedhelm* (London: AA Publications, 1999), pp. 11-117; focus esp. on article by Feld.

Fred Koetter and Colin Rowe, "The Crisis of the Object: The Predicament of Texture," *Perspecta* 16 (1980), pp. 109-33.

"BFU: The most radical architectural departure of the 1960s is finally built," critical assessments by O. M. Ungers et al., *Architecture Plus* (January/February 1974), pp. 32-51.

Alison Smithson, "How to Recognize and Read Mat Building," *Carré Bleu*, no. 1 (1964), pp. 575-80.

Maria González and Patricio del Real, "Paris Nord: Shadrach Woods's Imaginary Global City," *Positions on Modern Architecture and Urbanism/Histories and Theories* 1 (Spring 2010): 64–92.

#### Additional Readings:

Note: see bibliography in Free University Berlin

Dina Kronic, "The Groundscaper: Candilis Josic Woods and the Free University Building in Berlin," *ARRIS* 23 (2012): 30-49.

"Amin Alsaden, "'Casbahism' in Europe: The Journey of an Architectural Idea," *ARCC Conference Repository*, 2013.

Reyner Banham, *Megastructure: Urban Futures of the Recent Past* (London: Thames and Hudson, 1976).

Candilis, Josic, Woods, "Project for Bochum University," "Project for the Free University of Berlin," *Architectural Design* 34, no. 8 (August 1964), pp. 376-82.

Oscar Newman, "The New Campus," *Architectural Forum* 124, no. 4 (May 1966), pp. 42-51.

#### Week 11

Shadrach Woods, "The Education Bazaar," *Harvard Educational Review*, no. 4 (1969), pp. 116-25.

\_\_\_\_\_, *What U Can Do*, Architecture at Rice series, no. 27 (Houston, 1970).

\_\_\_\_\_, "Why Revisit the Pavillon Suisse?" *Architectural Forum*, no. 122 (June 1965).

\_\_\_\_\_, "Waiting for Printout (Previously known as the Technico-Sociological Hangup)," *Perspecta* 12 (1969). Note: The original is too dark to xerox, so please consult the original in Avery stacks.

\_\_\_\_\_, *Stadtplanung Geht uns Alle an; Urbanism Is Everybody's Business; L'Urbanistica come Problema di Interesse Collettivo* (Stuttgart and Bern: Karl Krämer, 1968). Catalogue of project for the 14 Triennale di Milano.

Federica Doglio, "Process Above All: Shadrach Woods's Non-School of Villefranche," *Third EAHN International Meeting* (Turin: Giugno, 2014).

#### Week 12

Shadrach Woods, *The Man in the Street: A Polemic on Urbanism* (Harmondsworth, Middlesex: Penguin, 1975).

Presentations and guest lectures

#### Week 13

Conclusion: What is modern architecture after World War II?

Avermaete, *Another Modern*, pp. 382-87.

Maristella Casciato, "Neorealism in Italian Architecture," in *Anxious Modernisms*, pp. 35-53.

Sarah Williams Goldhagen, "Coda: Reconceptualizing the Modern," in *Anxious Modernisms*, 301-23.

Peter Smithson, "Shadrach Woods 1923-73," *Architectural Design* 43, no. 11 (November 1973), pp. 686-88,

## Bibliography

### General History:

Ardagh, John. *France Today*. Revised ed. of *France in the 1980s*. London: Secker and Warburg, 1987.

Chevalier, Louis. *The Assassination of Paris*. Chicago: University of Chicago Press, 1994.

Cobban, Alfred. *A History of Modern France*. Vol 3: 1871-1962. *France of the Republics 1871-1962*. Harmondsworth, Middlesex: Penguin, 1965.

Cook, M., ed. *French Culture since 1945*. Exeter: University of Exeter Press, 1993.

Gildea, Robert. *France since 1945*. Oxford and New York: Oxford University Press, 1997.  
Note: Highly recommended (was a remainder at Labyrinth--check sale books).

Hanley, D.L., A. P. Kerr, and N. H. Waites. *Contemporary France: Politics and Society since 1945*, 2nd ed. London and Boston: Routledge and Kegan Paul, 1984.

Karnow, Stanley. *Paris in the 1950s*. New York: Times Books, Random House, 1997.

Kuisel, Richard. *Capitalism and the State in Modern France: Renovation and Economic Management in the Twentieth Century*. Cambridge: Cambridge University Press, 1981.

\_\_\_\_\_. *Seducing the French: The Dilemma of Americanization*. Berkeley: University of California Press, 1993.

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