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Introduction

Making in contemporary perception is related to the act of producing small objects, machines or apps without the help of professionals. If one expands the definition, making also can relate to defining place as well as making things happen. This essay explores the notion of making places at different scales. The first part of this essay offers an exploration of what encompasses place and the making of it while the second part discusses the Placemaking movement and how it reflects a culture of making.

Place—a definition (Introduction)

In the age of the maker movement, focus lays on the generation and production of small objects, machines and apps, produced by individuals often without much outside help. The idea of professional and individual craft and making is of course not new – it is undergoing a comeback, valuing the pleasure of a problem solved or an object produced with one’s own hands. While the building of machines, objects and software certainly might prove satisfying, the making (and improvement) of our physical environment might be exponentially more important. While general perception might reserve the design of our built environment to urban planners, architects and builders, people have always been involved on a domestic and a neighborhood scale as active citizens. However, *making* is not limited to dealing with objects or spaces but can be expanded to *place*. This essay will explore tools with which place is “made” and lay out the principles of the “placemaking” movement currently present in many of our urban environments.

The term place has been coined around 1200, “space, dimensional extent, room, area,” from Old French *place* “place, spot” and directly from Medieval Latin *placea* “place, spot,” from Latin *platea* “courtyard, open space; broad way, avenue,” from Greek *plateia* (*hodos*) “broad (way),” fem. of platys “broad” (see plaice [n.]). [1] Events “take place” – temporarily lost things are “misplaced” or “out of place” if they don’t fit a certain context. Discussions within the fields of architecture and urbanism usually expand beyond the physicality of space that is separated from the vast natural world to contain also experiences and interpretations, thus combining human narrative and physical environment. Place is spatial and temporal and exists in so-called reality, in representations and in people’s minds.

The physical layers of place cannot be separated from the immaterial layers of interpretation, memory and experience. Physical place typically remains stable, whereas the immaterial components are highly diverse, individual and constantly evolving. Man made places age and can go through circles of use and abandonment. Natural place might be more permanent. While the definition of “place” and all that is entailed proves to be complex, the absence of place, or *placelessness*, is easier to define: the term points to contemporary airports, shopping malls, hotels and most street intersections that we spend ample time in. Non-place is generated easily it seems or just happens; “real” authentic “place” appears harder to come by.

Phenomenological approaches, such as the exploration of the famous Genius Loci or spirit of place by Christian Norberg-Schulz related the intrinsic nature of certain places to expressions of human culture. According to him, “by the means of the building the place

gets ‘extension and delimitation’” [2] Attributing character to every place, defined by material and formal configuration, Norberg-Schulz acknowledges the inclusion of country, region, landscape, settlement and buildings into his definition. [3] He acknowledges changes to the notion of place in 1986 that have since become even more profound: “The concept of “place” has recently been given much attention by those who discuss problems of urban design and architecture. In the past, it was meaningful to describe the human environment in terms of stable places, such as house, city and country. Today, however, we tend to free ourselves from these structures in order to live a more mobile life. The technical means of communication liberate us from the direct physical contact with others, and the modern means of transportation allow an ever increasing number of persons to move about.” [4] He also issues a warning that shows the impact of place on architecture: “When place is abolished, however, we simultaneously abolish architecture.” [5] Alberto Pérez-Gómez writes: “When successful, architecture allows for participation in meaningful action, conveying to the participant an understanding of his or her place in the world.” Therefore architecture not only can bring out the cultural conditions of a society by inhabiting and building out a place in a certain region, it also “places” us, assigning meaning and providing integration.

Making

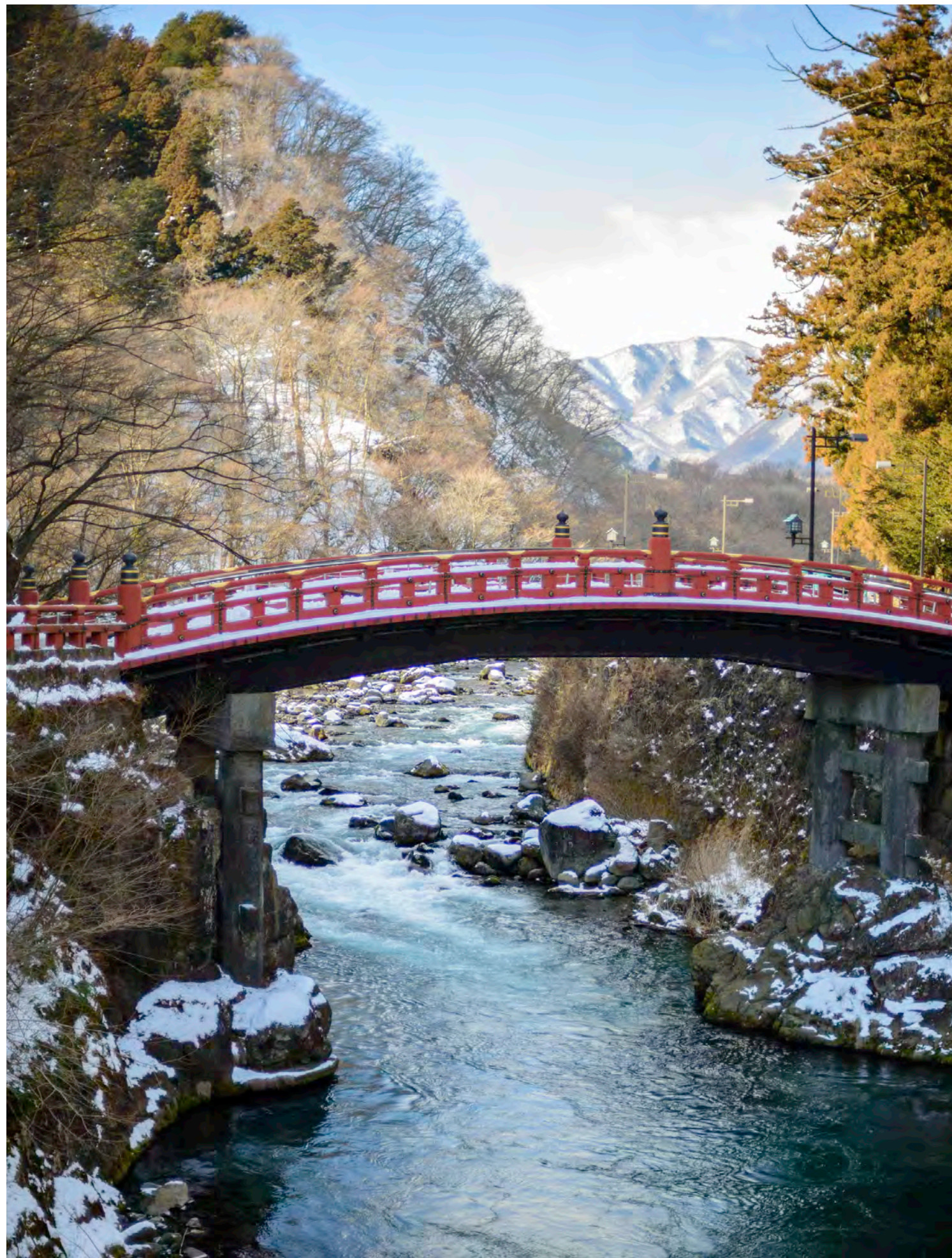
Most of us not only continuously make things and make things happen (food, writings, organizational efforts, drawings, etc.) but we also frequently define places (our homes’ interiors, workplace and work surfaces, trains, cars, etc.). We shape our living and work spaces within buildings and in yards or gardens outside of them. We temporarily impact the urban realm or even the rural expanse by the way we inhabit those areas, as well. We argue that the mechanisms of *making* place are part of a larger, ongoing movement that suggests a trend to actively engage in the real world, complemented by with a strong shift of work, education and life into the virtual world of computers and smart phones – phenomena that span from the mere demarcation of an area to the object and the act of art/making, thus articulating contemporary culture or placemaking within the urban context.

The Making of “Place”–Elements:
The Marker

“Place” exists without humans and can be found in nature and landscape such as memorable valleys and beaches, types of vegetation and geological features or individual trees or rocks. These characteristics define place often in powerful and captivating ways, distinguishing one area from another or forming regional identities. For the purpose of this exploration we will look at how man made interventions create places for humans to use. Elements found in nature or implemented by humans define and articulate a specific spot that becomes recognizable, starts acting as a ritual or gathering spot. These elements tell stories in stone or wood, defining a small spot in the endless cosmos or recording observations related to celestial configurations and rhythms. Early humans erected upright large rocks as markers and further functions we can only speculate about as the ones in Carnac, at Stonehenge or on the Easter Islands. The traditional torii (gates) in Japan typically mark the entrance to a sacred Shinto shrine without having to enclose the entire area, discretely communicating through architectural elements. The



^ Japanese Stone Marker in Kyoto, Japan (Left)
Tori Gate, Kyoto, Japan (Right)



^ Shinkyo Bridge across Daiya River, Nikko, Japan

manmade marker can relate to a ritual procession accompanied by a sequence (shrines along pilgrimage roads) or might identify a remarkable site (spring, mountain top, valley, shaped rock) and ritual evolves around it. In Japanese tradition, a marker can also be taken from its natural environment in order to create a place elsewhere:

The prototype of such a space may be a stone or a post. Detached from its original surroundings, it receives a definite place, character, by being erected or positioned. As a result the stone expresses more than its original and natural accidental form. Wishes are projected into matter, making spirit out of stone. In other words, the stone is space for spirit. It is animated by a meaning projected by human beings. [6]

Festivals and ritual events shape cultural identity and document social structures. They become imprinted in built places. For example, in Ancient Egypt, the Opet Festival celebrated the fertility of the gods. Statues of Amon and his family were carried in boats on a complex itinerary between the temples of Karnak and Luxor, along which all stations were manifested architecturally as paths or shrines accompanying the route and its activities. Martin Heidegger explains how a marker is involved in generating place: "The banks emerge as banks only as the bridge crosses the stream." [7] Only the bridge makes it obvious that the banks lay across from each other, it gathers the passage, marks two points and links to a larger network of connections. These connections are links between places of commerce and culture – the bridge articulates the nature of things, it is symbol and thing. [8] The marker in the city can be a monument or memorial carrying information about a past event or a personality of importance – it marks a place and creates a reference beyond the physical area.

The Fence as (sacred) enclosure

The above-mentioned marker, a pole, rock or sculpture articulates a place that does not necessarily include an area. It is merely a location from which rituals, activities and memories are recorded or will emerge. As humans turned from hunting and gathering as their food source to settling and cultivating crops and cattle, defined enclosures, marked portions of space start playing an important role. Vertical surfaces or arrangements of poles were added to their environment to mark property, develop agriculture (cultivating crops in fields), keep cattle in captivity and identify spiritual places to connect to beyond their earthly existence. In contrast to the animal pens for agriculture, early ritual sites were defined by a temenos, a piece of land separated from common uses and dedicated as a sanctuary frequently occupied by festivals and events. Many theorists see in these early enclosures the origins of architecture: Gottfried Semper describes how these precedents of architectural walls were woven from grass or reeds and only late in history transformed into stone, maintaining their formal principles:

It may be that climatic influences and other circumstances suffice to explain this cultural-historical phenomenon, and that the normal, universally valid course of civilization cannot necessarily be deduced from this, but it is certain that the beginning of building coincides with the beginning of textiles. The wall is the architectural element that formally represents and makes visible enclosed space as such, absolutely, as it were, without reference to secondary concepts.

We might see the pen—the fence of interwoven and tied sticks and branches—as the earliest partition produced by the human hand, as the most original vertical spatial enclosure invented by man, whose completion required a technique that nature, so to speak, placed in the hands of man. [9]

The enclosure articulates a void and acts as a three dimensional boundary thus creating inhabitable and measurable space dedicating it to a specific use that is distinct from open landscape or common land. Low enclosures in contemporary cities act as boundaries defining property ownership or separating different use patterns from each other.



^ Split rail fencing, Virginia, USA (Top)
Wall and fence enclosure of historic cemetery, Ipswich, MA (Middle)
Picnic Blanket creating "dining space" outdoors (Bottom)



^ Carlo Scarpa: Castelvecchio, Verona, Italy

The Blanket becoming a Square

If the vertical enclosure acts as a forced separation, the indication of a box that separates interior from exterior, a place can also unfold through the articulation of a horizontal plane. The ancient Greeks evolved their political and commercial life around an agora, a clearly defined horizontal surface. Roman emperors built forums that became commercial and religious centers surrounded by architecture. The Persians built platforms or stages to worship their king, medieval cities articulated large voids through durable pavements for markets, military parades and citizens' gatherings. If one simply puts down a picnic blanket on a meadow or a towel on the beach, a place is made – specific to a certain activity and in no need of vertical elements. One can see the beginnings of an architecture in the initial temporary act around a festivity or a simple activity, a picnic blanket turning into stone, a man-made layer added to open space defining a more specific place. Stone carpets in historic cities represent squares or public areas, material changes in pavement separate pedestrians from vehicles, events from traffic, recreation from movement. All three of the mechanisms discussed above make place.

Making place

Making place does not only happen in history or remain discretely in nature – it is happening all around us. In many urban environments citizens have taken on making place for the community, shared and open initiated by individuals, collaborative but self-generated just as many things are produced by makers from all sides of life. The existence of place is not automatic or long lasting, but contemporary urban place can be defined by art, facades or street surface with an added layer of cultural activity – much of it made by the people. The following text will illustrate the facets of placemaking in Boston.

Placemaking through the Maker Movement

The intersection of the maker movement and placemaking exists at a number of levels. We see the connective tissue occur at the following nodes:

- Interdisciplinary approach
- Multi-disciplinary contributions
- Social interaction
- Linkage with the solo movement
- Pop-up culture

Interdisciplinary Approach

The interdisciplinary approach of *placemaking* combines the talents and strengths of varied professional design backgrounds, stakeholders and constituencies, including but not limited to neighborhood residents, “architects, landscape designers, urban planners, artists and public officials [who] work together to create great public places, to turn *space* into *place*” [10], as defined by the co-chairs of the Placemaking Network of the Boston Society of Architects. Creative innovators and leaders know to look for cross-fertilization by working across individual knowledge bases. Cross-disciplinary relationships and collaborative focus are necessary to meet and overcome challenges in complex urban settings, while simultaneously increasing the potential for greater, more long-term sustainable impact.

Multi-disciplinary Contributions

Often temporary at the outset, the energy and impetus of small-scale action can lead to changes in perception and long-term improvements. Typically, problem solving lies at the heart of making. Creative innovators, such as Judy Baca/Social and Public Art Resource Center (SPARC), Rick Lowe/Project Row Houses, Mike Lydon and Anthony Garcia/Tactical Urbanism, Matthew Passmore, John Bela and Blaine Merker/Rebar, and many other innovative thinkers in the ‘activism’ league have proven time and again that a new approach and the depth of knowledge about a particular place can achieve positive outcomes. Thus, these thought leaders have contributed significantly to the enduring onslaught of challenges to civic life.

Social Interaction

Placemaking always takes into account the social aspect or *how* and by *whom* our public places are successful in their public use and acceptance. The foundations for the social aspects or use of public places were laid by the empirical research of architects Jan Gehl and William “Holly” Whyte. The former for the first time investigated the psychological impacts of public places on people. [11] Gehl defined that *optional* and resultant social activities occur in public space, particularly on plazas and sidewalks, if the physical environment is of high quality:

When outdoor areas are of poor quality, only strictly necessary activities occur. When outdoor areas are of high quality, necessary activities take place with approximately the same frequency – though they clearly tend to take a longer time, because the physical conditions are better. In addition, however, a wide range of optional activities will also occur because place and situation now invite people to top, sit, eat, play, and so on. In streets and city spaces of poor quality, only the bare minimum of activity takes place. People hurry home. In a good environment, a completely different, broad spectrum of human activities is possible. [12]

Offering a comfortable environment that provides amenities are key to enable social interaction. William Whyte’s findings are identical. In 1971, he recorded the life of a series of plazas in Manhattan. Together with a group of students, they visited to observe the daily uses during peak and quiet times, and interviewed users about their habits and preferences. In addition,



^ Over The Pavement ... The Beach at 280 A Street, Boston MA, by Shauna Gillies-Smith and Lisa Roth



^ Red Yarn Wrapping on the A Street overpass railing on Summer Street, Boston MA, by Leslie Clark



^ Bright Side of the Road II, 347 Congress Street at the intersection of A Street, Boston MA, by Claudia Ravaschiere and Michael Moss



^ Who Wears Wool highlighting the wool trade in historic Fort Point, Boston MA, by Hilary Zelson

time-lapse cameras recorded daily patterns.[13] While the term *placemaking* was not coined until the 1990s, Gehl, Whyte, as well as Kevin Lynch today are considered the field’s key early research theorists. Placemaking and the maker movement benefit from understanding these foundations, when creating, activating and programming successful public places.

Linkage with the Solo Movement

The solo movement, i.e. the growing trend to individual proprietorship rather than corporate employment, drives technological and creative innovation, particularly in the creative community. Equally, a much greater proportion of social interaction takes place in public places as singles and small families make up the majority of today’s households. With the urban dweller’s sophistication and consciousness regarding the physical condition and offerings of our public environment continuously rising, greater expectations and demands are placed on the quality of life. Greater and greater numbers of *makers* actively engage in the experiment of activating or improving our built environment to make it more attractive, special and livable.

Pop-up Culture

In line with the maker movement’s self-reliance and proactive, individual action, the case studies selected for this study present initiatives within communities or at the local level. While the ease of digital communication has simplified organizational efforts, creative communities do rely on physical proximity to each other, so that making can occur without investing time and funds in transportation. Artist communities have traditionally served this need.

In Boston MA, close to downtown at the northern edge of South Boston, Fort Point has been home to a well-established arts community since the 1970s. Initially, artists moved into the empty warehouses of the Boston Wharf Company following a destructive fire at the Mattress Factory, another artist building in Jamaica Plain, whose artists were displaced. The Fort Point Arts Community (FPAC) was incorporated as a not-for-profit organization in 1980, allowing artists and creatives to organize and speak with a unified voice. The artists developed a pop-up culture during the 1980s and 1990s long before the term was invented, particularly during the Revolving Museum’s heydays under the direction of artist Jerry Beck, when abandoned railroad cars from the harbor’s past shipping days provided ample space for infectious art installations that were seen by hundreds who made the pilgrimage on weekend nights to an area back then considered bleak and dangerous. Since then, much has changed. With major infrastructure development of the last 20 years, such as the I-90 and I-93 connector tunnels and the construction of the Federal Courthouse, and the Boston Convention and Exhibition Center, the Seaport District is now one of the country’s hottest real estate markets. In 2002, Christina Lanzl spearheaded *A Fort Point Vision for Public Art*, a neighborhood-wide think tank envisioning public art and a cultural plan. Jointly organized installations by local artists showcased the potential for public art throughout the area on various scales. Plazas, sidewalks, fences and railings offered siting opportunities. Today’s pop-ups of Fort Point are generally formally juried and permitted installations, such as temporary interventions along the sidewalks and in nooks throughout the neighborhood. Floating art in Fort Point Channel’s Art Basin is commissioned annually, funded by and organized in partnership with the non-profit Friends of Fort Point Channel (see Fort Point image selection).

Combining a National Outlook with Small Local Action

The digital revolution has created ideal conditions for grassroots efforts, boundless communication as well as dissemination of concepts and projects. This has simplified the process of *making*. The generally quickly assembled results are adequately described by the fairly new term *pop-up*: a short-term action that may seed a more permanent presence of a particular idea or installation or, perhaps, deliberately remain makeshift and temporary. The application of low-cost materials and unprecedented uses for items we know from other contexts can

offer very charming, inspiring manifestations, as highlighted in Fort Point’s temporal public art.

What are some of the success stories with national recognition and noted local impacts? The applications of Tactical Urbanism or the international PARK(ing) Day project were both launched as small-scale alternatives to existing adverse conditions.

PARK(ing) Day

PARK(ing) Day is an “annual open-source global event where citizens, artists and activists collaborate to temporarily transform metered parking spaces into PARK(ing)” spaces: temporary public places.” [14] Parking spaces are clearly marked as a rectangular space reserved for the temporary storage of private cars. In their original state few people would attribute the qualities of “place” to them. The PARK(ing) Day project was launched by the San Francisco art and design studio Rebar in 2005 with the impetus to demarcate public open space in a neighborhood the city administration had recognized as lacking just that. As a consequence, the city adopted licensing procedures that allow local groups and businesses to inhabit a parking space for extended use, if they are providing amenities to the public. Since its nucleus the initiative has blossomed into a worldwide grassroots movement with participating cities across all six continents. The event takes place every third Friday in September to transform metered parking spaces into temporary installations. Within the small confines of a metered parking space the debate on how public space is created and allocated is continually being amplified at locations around the globe (see examples from the author’s personal photo collection). Simple instructions for potential participants are posted on the <http://parkingday.org> website.

Tactical Urbanism

Urban planners Mike Lydon and Anthony Garcia, co-founders of the Street Plans Collaborative, began circulating the term with their series of four short publications *Tactical Urbanism: Short-term Action for Long-term Change*. [15] Other names also in use are creative placemaking, lean urbanism, or guerilla urbanism. This approach enables makers to create low-budget, straightforward action plans that transform public places for the short-term with an eye towards permanent solutions. Temporary installations are the perfect means to try out new ideas and concepts, a credo that has always been at the core of temporary public art. *Tactical Urbanism* is a how-to guide to creating community-based projects with low-cost materials. Parking day is one of the temporary strategies covered in volume one, along with a range of pop-up opportunities like shops, cafés, mobile vendors and food trucks, or chairs for the public, where there are none. There types of projects work particularly well in communities that suffer from disinvestment, because the initial investment can be small enough to be sustained by shoestring budgets. Reclaimed materials or objects, basic woodworking skills and paint are the basic ingredients of Tactical Urbanism projects.

The methodology has been spreading like wildfire. Across the U.S. cities, non-profits and makers are employing Tactical Urbanism. In Memphis TN, the Mayor’s Innovation Delivery Team organized a symposium in 2012 to promote and educate the city’s creatives on the topic. With a \$1 million Bloomberg Philanthropies grant in hand, they formed partnerships with local arts and community non-profits to implement a series of measures. The 25 SQUARE public art initiative was launched in partnership with Christina Lanzl and her team of the UrbanArt Commission (UrbanArt) across 25 square blocks of three select neighborhoods that had been suffering from decades of neglect: Binghamton, Soulsville and the emerging Crosstown/ Klondike area.

Community engagement and organization was a key aspect of the 25SQ Public Art Initiative. Together with three lead artists who were also residents of their respective neighborhoods, UrbanArt organized charrettes in the three areas to solicit ideas for place-specific

narratives and locations. These meetings were the departure point for the recruitment of additional team artists as well as community volunteers of all ages. Collaborative painted murals and mosaics of recycled glass and porcelain were executed on a series of buildings or painted on plywood panels that were mounted on buildings and fences (see photos by the author).

The Tennessee Brewery, an architecturally significant, historic brewery building that stood empty for decades and was doomed to be demolished received a facelift. Memphis Heritage, the local advocacy non-profit for historic preservation, teamed up with the Mayor’s Innovation Delivery Team to raise consciousness about saving the building. Landscaped plant containers with sapling trees wall-mounted art provided the framework in this late 19th century architectural ruin in the Romanesque style. Local artisans went to work, building cheap, comfortable plywood furniture for the open atrium, which was instantly adopted by visitors who bought meals from food trucks and beer on tap inside the raw space. On game nights, the public enjoyed watching their favorite sport on large screens. Children and their parents found entertainment in a family room complete with plastic detergent bottle lighting and toys made from repurposed materials. Over night, the Tennessee Brewery had become one of the most popular destinations in town to enjoy a balmy summer night along the Mississippi river. Approximately 5,000 visitors a week flocked to *Brewery Untapped* during its six-week pop-up party in 2014 (see photo by the author). By the end of the season, a local developer had bought the condemned building, and in summer 2015, the eight-week *Brewery Untapped Revival* returned to enchant Memphians and visitors alike.



Conclusion

While a lot more discussion is necessary to offer an exhaustive overview of the meaning of place in past and present and its relation to the urban environment, this essay serves as an introduction to the idea of place being spatially and temporally generated not only by professionals but also by the “makers” of the 21st century who succeed all over the globe in placemaking. Placemaking initiatives and the maker movement have found a convergence in benefitting local communities, either through temporary activation or projects that become neighborhood mainstays. A key characteristic is the spirit of sharing and open-source production, often generating remarkable impact through contributions of resources, labor, expertise, or funding. Small, local initiatives--whether of a temporary or more long-term nature--can have significant impacts on the success of bringing places back to life or to create stimulating activities for the community.

▼ *PARKing Day* installation by ADD Inc. (Top Left)
PARKingDay installation promoting outdoor activities by the Riverfront Development Corporation (Bottom Left)
25SQ participatory art panel painting at the Stax to the Max festival in South Memphis TN (Top Middle)
25SQ inspirational, participatory art panel (Bottom Middle)
Installation at Binghamton Park, one of a series of neighborhood locations in Memphis TN (Top Right)
Tennessee Brewery tactical urbanism intervention, Memphis, TN (Bottom Right)



NOTES

From page 16. "Making with Expressive Gesture" Interview with Janet Echelman

1. Rilke, Rainer Maria. Letters To A Young Poet. 1929.

From page 20. "Why Paper" Cal Simko

1. http://www.hermanmiller.com/why/irving-harpers-world.html?utm_medium=Email&utm_source=ExactTarget&utm_campaign=2014_09_23_WHY

From page 55. Touloukian Touloukian Inc. Photo

Image Reference

From Page 55. Lawrence Earley

From page 57. "Making, Remaking, and the Authenticity of the Argo" Peter Greenberg, Assistant Professor.

1. Noble, Charles. Philip Johnson. Thames and Hudson., London: 1972.
2. Varnelis, Kazys. "We Cannot Not Know History: Philip Johnson's Politics and Cynical Survival." Journal of Architectural Education, Nov. 1994.
3. Frampton, Kenneth. "The Glass House Revisited" in Philip Johnson: Processes. The Institute for Architecture and Urban Studies, New York: 1978.
4. Barthes, Roland. Roland Barthes by Roland Barthes. Translated by Richard Howard. University of California Press, Berkeley [CA]: 1994 [1975].
5. France-Lanord, Alfred. "Knowing How to Question the Object Before Restoring It," in Price, Nicholas Stanley, ed. & others, Historical and Philosophical Issues in the Conservation of Cultural Heritage. The Getty Conservation Institute, Los Angeles [CA]: 1996 [1965].
6. www.plimoth.org
7. www.plimoth.org
8. Hitchcock, Henry-Russell and Johnson, Philip. The International Style. W.W.Norton, New York: 1966 [1932].
9. Drexler, Arthur. Ludwig Mies van der Rohe. George Braziller, Inc., New York: 1960.
10. Cirici, Cristian; Ramos, Fernando; Solá-Morales i Rubió, Ignasi. "The Reconstruction of the Barcelona Pavilion." Arquitectura, 1986 July-Aug., v.67, no.261 p.4-15.
11. Evans, Robin. "Mies van der Rohe's Paradoxical Symmetries" in Translations from Drawings to Building and Other Essays. Cambridge: MIT Press, 1997), pp. 232-276.
12. Viollet-le-Duc, Eugene-Emmanuel. "Restoration" in Price, Nicholas Stanley, ed. & others, Historical and Philosophical Issues in the Conservation of Cultural Heritage. The Getty Conservation Institute, Los Angeles [CA]: 1996 [1854].

Image Reference

From Page 57. Perspective by Wilhelm Viggo von Moltke, 1941-1942. Columbia University's Avery Architectural & Fine Arts Library

From Page 57. Columbia University's Avery Architectural & Fine Arts Library

From Page 57. Ezra Stoller ESTO

From Page 58. Ise Shrine Photo by Yoshio Watanabe http://library.osu.edu/projects/bennett-in-japan/2_6_photos.html

From Page 59. The Argo [ca. 1500-1530], painting by Lorenzo Costa https://upload.wikimedia.org/wikipedia/commons/8/81/Lorenzo_Costa_001.jpg

From Page 59. <http://leastconsidered.com/2013/01/24/9-ash-street-cambridge-massachusetts/>

From Page 59. Paul Revere House, Boston, begun 1676. Postcard, c. 1900, Digital Archive of American Architecture

From Page 59. Paul Revere House <http://www.gogobot.com/the-paul-revere-house-boston-attraction>

From Page 59. Darius Coombs, associate director of the Wampanoag Indigenous Program at Plimoth Plantation, explains Native American house building techniques to Massachusetts Governor Deval Patrick. <http://indiancountrytodaymedianetwork.com/2011/11/28/massachusetts-governor-tours-plimoth-plantation-64940>

From Page 60/61. L: Barcelona Pavilion (1986) <http://www.urbansplatter.com/2014/11/architectural-gem-barcelona-pavilion-barcelona-spain/> R: Barcelona Pavilion (1929) Arthur Drexler, Ludwig Mies van der Rohe [New York: 1960], Plate 23

From Page 61. Ash Street Construction Site. Photograph by author.

From Page 61. <http://leastconsidered.com/2013/01/24/9-ash-street-cambridge-massachusetts/>

From page 70. "Placemaking/Making Place" Anne-Catrin Schultz, Assistant Professor, PhD.

1. <http://www.etymonline.com> [Accessed Sep. 14, 2015].
2. Norberg-Schulz, Christian, Architecture: Meaning and Place, Selected Essays. First American Edition. New York, N.Y.: Rizzoli, 1988, p. 41.
3. Ibid. p. 15.
4. Ibid. p. 27.
5. Ibid. p. 59.
6. Martin Möhring, Uwe Abraham, Aspekte des japanischen Raums, in: Helmut Striffler, Japan-Tradition und Moderne, Darmstadt 1988, seminar report, p.59.

7. Heidegger, Martin, *Building Dwelling Thinking*, <http://mysite.pratt.edu/~arch543p/readings/Heidegger.html> [Accessed Sep. 14, 2015].

8. Ibid.

9. Semper, Gottfried, *Style in the Technical and Tectonic Arts; or, Practical Aesthetics*. Translated by Harry Mallgrave and Michael Robinson. 1st ed. Getty Research Institute, 2004.

10. Placemaking Network. <http://www.architects.org/committees/placemaking-network> [Accessed Sep. 16, 2015].

11. Gehl, Jan. *Life Between Buildings: Using Public Space* was first published in Denmark in 1971. The English translation appeared in 1987.

12. Ibid. p. 13.

13. This research led to the publication of William H. Whyte's *The Social Life of Small Urban Spaces* (New York: Doubleday, 1980).

14. About PARK(ing) Day, <http://parkingday.org/about-parking-day/> [Accessed Sep. 16, 2015].

15. Mike Lydon and Anthony Garcia first published the four volumes of *Tactical Urbanism: Short-term Action for Long-term Change*, first appeared online beginning in 2011: http://issuu.com/streetplanscollaborative/docs/tactical_urbanism_vol.1 [Accessed Sep. 17, 2015]. Island Press released the series as a monograph in March 2015.: Da Capo Press, 2003, 100.

Image Reference

From page 71. Japanese Stone Marker in Kyoto, Japan (Photo by Robert Clocker)

From page 71. Tori Gate, Kyoto, Japan (Photo by Robert Clocker)

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From page 73. Split rail fencing, Virginia, USA <https://upload.wikimedia.org/wikipedia/commons/c/cd/Fence1web.jpg>

From page 73. Wall and fence enclosure of historic cemetery, Ipswich, MA (Photo by Robert Clocker)

From page 73. Picnic Blanket creating "dining space" outdoors, <https://violetbriana.files.wordpress.com/2014/03/picnic.jpg>

From page 74. Carlo Scarpa, Castelvecchio, Verona, Italy: space defined by horizontal concrete and stone terrace (Photo by Anne-Catrin Schultz)

From page 75. Temporary intervention in conjunction with A Fort Point Vision for Public Art: Over The Pavement ... The Beach at 280 A Street, Boston MA, referencing the French student uprising of the 1960s by Shauna Gillies-Smith and Lisa Roth, 2002. Two tons of sand from Central Artery construction, tree trunks for seating (Photo by Kathy Chapman)

From page 75. Temporary intervention in conjunction with A Fort Point Vision for Public Art: Red Yarn Wrapping on the A Street overpass railing on Summer Street, Boston MA, by Leslie Clark, 2002 (Photo by Kathy Chapman)

From page 75. Fort Point Channel Floating Art, 2015: Who Wears Wool highlighting the wool trade in historic Fort Point, Boston MA, by

Hilary Zelson during launch. The sheep are constructed of packing peanuts and Styrofoam. (Photo by Christina Lanzl)

From page 75. Fort Point Arts Community Temporary Public Art, spring 2015: Bright Side of the Road II, alley adjacent to 347 Congress Street at the intersection of A Street, Boston MA, by Claudia Ravaschiere and Michael Moss (Photo by Christina Lanzl)

From page 76. PARKing Day installation by ADD Inc. on September 18, 2015, a parklet complete with a bicycle chain inspired fence in front of the Boston Fire Museum at 344 Congress Street, Boston MA (Photo by Christina Lanzl)

From page 76. PARKingDay installation promoting outdoor activities by the Riverfront Development Corporation on September 21, 2012. Sixteen teams of artists, community groups, and businesses temporarily transformed metered parking spaces along Peabody Place in downtown Memphis TN into public parks. (Photo by Christina Lanzl)

From page 77. 25SQ participatory art panel painting at the Stax to the Max festival in South Memphis TN, led by artists Darlene Newman and Cat Normoyle on April 28, 2013. (photo by Christina Lanzl)

From page 77. 25SQ participatory art panel painting at Binghamton Paint Day on the grounds of Caritas Village in Memphis TN, led by artist Frank D. Robinson (pictured) on May 31, 2014 (photo by Christina Lanzl)

From page 77. 25SQ inspirational, participatory art panel installation at Binghamton Park, one of a series of neighborhood locations in Memphis TN by Frank D. Robinson (pictured) (photo by Christina Lanzl)

From page 77. Tennessee Brewery tactical urbanism intervention, a partnership of the Mayor's Innovation Delivery Team and Memphis Heritage during summer 2014 (photo by Christina Lanzl)