THE OPEN HOUSE RESOURCE GUIDE

An overview of the innovative and one-of-a-kind home presented in

MAKING ROOM
Housing for a Changing America

An exhibition on view November 18, 2017 through January 6, 2019

Making Room explores new design solutions for the nation’s evolving, 21st-century households. From tiny houses to accessory apartments, cohousing, and beyond, all of the featured projects—including The Open House—push past standard choices and layouts.

Organized by

NATIONAL BUILDING MUSEUM

CHPC NEW YORK CITY CITIZENS HOUSING PLANNING COUNCIL

In partnership with RESOURCES SPACE: REINVENTED
MAKING ROOM focuses a much needed spotlight on the mismatch between the diversity of our households and the homogeneity of our housing.

The Open House is the centerpiece of the exhibition and demonstrates how thoughtful and flexible design solutions can transform how we live.

Designed by architect Pierluigi Colombo, The Open House expertly addresses the needs of three prototypical—and increasingly common—households: roommates, a multigenerational family, and empty nesters. The 1,000-square-foot home features a hyper-efficient layout, smart technologies, movable walls, and multifunctional furniture.

The Roommates

On view November 18, 2017 to late February, 2018

To accommodate a roommate household—in this case, a couple and two single adults—the layout of The Open House maximizes private space. When the moveable walls are fully closed, each roommate has complete privacy; when fully retracted, with the touch of a button, bedrooms can be combined to create a larger room for socializing. The couple shares one bathroom while the roommates share the other, and they all use the communal kitchen. Each bedroom, including the larger one shared by the couple, is outfitted with a space-saving wall bed and built-in storage.

The Extended Family

On view March to late May, 2018

To meet the needs of a multigenerational household, The Open House accommodates living communally, but with flexibility. In this scenario, a grandmother lives with her adult daughter and grandson. During the day, the moveable walls can be open to share living spaces—even though the grandmother’s space is tucked away if she wants to retreat. In the evening, the moveable walls allow them to carve out a dedicated bedroom for the grandson. This allows the adults to move freely throughout the rest of the space when the child is asleep, and even entertain.
The Empty Nesters

On view June 2018 to January 6, 2019

To serve a two-in-one household, The Open House seamlessly becomes two independent homes. Here, an older couple who want to stay in their existing home can nevertheless downsize by converting the largest bedroom into a self-contained studio apartment. They can rent out the apartment for additional income, provide the space to a live-in caregiver, or welcome home any of their adult children. Each unit has its own entrance, full bath, and kitchen area. The couple’s no-step, walk-in shower has retractable walls which can free up floor space should either of them need a walker or wheelchair. Likewise, the kitchen’s fixtures, cabinetry, and appliances have been optimized for a limited range of motion.

The footprint and key features of The Open House will remain constant throughout the exhibition’s run, and include:

- an eat-in kitchen designed for varying ages and abilities, with countertops and sinks at two heights, and plenty of accessible storage
- 2 full baths with fixtures and fittings chosen for flexibility and ease of use
- 3 living areas outfitted with transformative furniture allowing each space to double as a private bedroom
- a walk-in closet with a pocket-door that incorporates storage
- a walk-in laundry room
- movable walls
- an integrated smart home network

The Open House has been designed to meet the District of Columbia’s residential building code, as well as follow the general guidelines set forth in the Americans with Disabilities Act.

All renderings courtesy Resource Furniture and Clei.
In-kind product contributors to The Open House

AJ Madison | ajmadison.com
Appliance authority offering top-rated brands, including Miele, Electrolux, and Elica

Andersen Corporation | andersencorporation.com
Largest window and door manufacturer in North America

Benjamin Moore & Co. | benjaminmoore.com
Manufacturer of premium paints and finishes since 1883

Capitol Closet Design | capitoldesigndesign.net
Custom closet design and home storage organization systems

Casaplex | casaplex.com
Creators of smart buildings and integrated smart home networks

Ceramics of Italy | ceramica.info/en
Trade organization representing the Italian tile industry

Cerno | cerno.com
Designer and manufacturer of modern, U.S.-made LED lighting fixtures and furniture

Clei | clei.it
Designer and manufacturer of transforming and multifunctional furniture since 1962

ConcreteWall | concretewall.no
High-resolution, custom-made, photographic wallcoverings

EastBanc, Inc. | eastbanc.com
Multinational real estate development firm

Ernest Rust - European Kitchens | ernestrust.com
European kitchen designer and manufacturer based in Pludry, Poland

FLOR | flor.com
Modular carpet squares and area rugs for residential and commercial spaces

Geberit | geberitusa.com
European market leader in high-end sanitary technology and products

Ginger | gingeroo.com
Designer and manufacturer of solid forged brass bathroom accessories, lighting, and mirrors since 1983

Häfele America Co. | hafele.com
Leading international source of furniture fittings and architectural hardware

Hansgrohe | hansgrohe-usa.com
Leading manufacturer of bathroom and kitchen fixtures, faucets, and accessories since 1901

Hufcor | hufcor.com
World leader offering the widest range of glass, operable, vertical lift, and accordion partitions

In2Green | in2green.com
Manufacturer of eco luxury throws and accessories knit in the USA

Neoscape | neoscape.com
Creative agency specializing in the built environment

Newfloor | newfloor.net/en
Manufacturer of raised access flooring systems made in Italy for internal and external applications

Precision Door and Hardware | pdoor.com
Supplier of commercial doors, frames, and hardware to the Mid-Atlantic region

Protek | protek-controtela.com/en/home
Designer and manufacturer of sliding and swing doors, in-wall storage systems, and modular furniture

Resource Furniture | resourcefurniture.com
Import, distributor, and retailer of modern space-saving furniture from European designers

Vaghi | vaghi.com
Specialists in office and contract seating designed and made in Italy since 1964
The Open House is presented in partnership with Resource Furniture, Clei, and architect Pierluigi Colombo.

Clei
Pierluigi Colombo and Roberta Colombo

Resource Furniture
Ron Barth, Steve Spett, Lisa Blecker, Kirk Schuly, Challie Stillman, Sam Vider, Maria Claudia Narvaez Arango, and Pieter Depreeuw

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For a future without senior poverty.

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Making Room: Housing for a Changing America

November 18, 2017–January 6, 2019
Visit go.nbm.org/MakingRoom for more information, related programming, and additional content.

Museum Hours

Monday–Saturday, 10 am–5 pm; Sunday, 11 am–5 pm

Admission

Free access to the Great Hall, historic building tours, Museum Shop, and cafe.
Exhibition admission:
$10 for adults
$7 for youth, students, and seniors
Free for Museum members

Membership

Museum membership offers such privileges as free exhibition admission; invitations to special events; and discounts on Museum Shop purchases, public programs, and tours.

Museum Shop

The Museum Shop, located on the ground floor, is Washington’s finest source of design- and building-related books and gifts, including jewelry, home furnishings, toys, and games. Museum members receive a discount on all purchases.

About Us

The National Building Museum inspires curiosity about the world we design and build. We believe that understanding the history and impact of architecture, engineering, landscape architecture, construction, and design is important for all ages. Through exhibitions and educational programs, we show how the built world has power to shape our lives, communities, and futures.

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401 F Street, NW, Washington, D.C. 20001
Metro: Judiciary Square
Gallery Place-Chinatown
THE ROOMMATES
On view November 18, 2017 to late February, 2018
To accommodate a roommate household—in this case a couple and two single adults—the layout of The Open House maximizes private space.

THE EXTENDED FAMILY
On view March to late May, 2018
To meet the needs of a multi-generational household, The Open House accommodates living communally, but with flexibility.

THE EMPTY NESTERS
On view June 2018 to January 6, 2019
To serve a two-in-one household, The Open House seamlessly becomes two independent homes.

Materials, Products, and Furniture featured in The Open House

- **A/J Madison**
  - Miele MasterCook™ Refridgerator/Freezer, Model KF 5835 VI
  - Miele Convection Ovens, Model H 8960 BP
  - Miele Induction Cooktop with PowerFlex Cooking Area, Model KM 6380
  - Miele Warming Drawer Model ES 16880
  - Miele ADA-Compliant Dishwasher with Knock-On Door, Model G 6880 SCV K20 AM
  - Electra Platinum Range Hood, Model EP12/0/35, stainless steel finish
  - Electrolux Front Load Washer, Model WF5/140UUT, titanium finish
  - Electrolux Ventless Electric Dryer, Model EFDE230TTS, titanium finish

- **Andersen Corporation**
  - 1/2” Series 200 Composite Windows (cornerstone, picture, and specialty) with Low E Obscure Glass, and Low E Tempered Glass for the bathrooms

- **Benjamin Moore & Co.**
  - HC-60 Queen Anne Pink, HC-157 Nantucket Green, HC-169 Coventry Gray, HC-175 Wildflame Gray
  - 2021 Gentleman’s Gray, 2029-10 Iron Ore Red, 2356-40 Aegen Green, 2356-50 Nantucket Gray

- **Capital Cabinet Design**
  - Northern Contours Drawer Faces and Doors, Taufa Screamer™ Series Shelving and Cabinet Frames, weekend getaway finish
  - Custom Cabinet: Washer/Dryer Pedestal with Pull-Out Step; Upper Storage Cabinet with LED Lighting; Northern Contours Drawer Faces and Doors, Taufa Screamer™ Series Shelving and Cabinet Frames, winter Ian finish

- **Casaplex**
  - Interlogix Pet Immune SAW PM Motion Sensors
  - Sonance PS-14T/PL Pendant Speakers
  - Crestwood TSW-1600 Touch Screens
  - Avis M2020/210 Network Cameras
  - Savant Entertainment™
  - Eaton™, Crestwood S3 M20/55 Digital Media Video Switcher; Crestwood SWAMP 2/25/20i Multi-Room Audio System; Crestwood MC3 3 Series Control Processor; Middle Atlantic S-22 Space Saver Rack

- **Ceramic of Italy**
  - Capolino (Group) / Collection TREND, Porcelain Floor Tile, color: grey wood
  - Caesar Ceramics / Collection One, Terra cotta cement effect Porcelain Tile, color: ground
  - GFR (Capolino Remix) / Collection MAT, Porcelain Tile, color: cloud and sky
  - Mapei / Kerakoll U 19 Warm Gray Gray, Mapei T 913 Silicon Sealant, Utile’s 3 polymer-modified thin-set mortar
  - Cerasica Veneto Ottocento / Collection 00, Glazed Ceramic Tile, colors: OP026, OP028, and OP029
  - Mapei / Kerakoll U 131 Brick Red Gray, Mapei T 113 Silicone Sealant, Utile’s 3 polymer-modified thin-set mortar
  - Tegola / Collection Agenze 34, Porcelain Floor Tile, color: anthracite

- **Cerno**
  - Empis LED Wall Sconce, dark stained walnut
  - Match LED Task Lamp, dark stained walnut
  - Sona LED Floor Lamp, walnut/white/veneer

- **Certi/Reserve Furniture**
  - Oda 173 Sofa/Queen Wall Bed System and Storage Unit (Scenario 1)
  - Tangy Sofa/Queen Wall Bed System and Storage Unit (Scenario 2)
  - Full Size Bed/Desk/Twin Bed System and Storage Unit (Scenario 3)
  - Pompeo Table (Scenario 3)
  - Pergola 2 Sofa Queen Wall Bed System and Storage Unit (Scenario 3)
  - Pergola 2 Sofa Bed Desk/Twin Bed System and Storage Unit (Scenario 3)
  - Pergola 2 Motorized Sofa Queen Wall Bed and Storage Unit (Scenario 3)
  - Goliath transformingconsol/dining table
  - Botanical high-tea wallcovering (Scenario 3)
  - Oda 301 Sofa/Queen Wall Bed System and Storage Unit (Scenario 2)
  - Novakosa Sofa/Queen Wall Bed System and Storage Unit (Scenario 2)
  - Novakosa 2 Sofa Queen Wall Bed System and Storage Unit (Scenario 3)
  - Kitchen Base modular kitchen (Scenario 3)
  - Geo Console Table
  - Pocket Folding chairs
  - Giralo storage unit

- **Duravit**
  - Architec Bathhub, Model 700225
  - ME by Philippe Starck One-Piece Rimless® Toilet, Model 2379021005
  - P1 Comforts Furniture Hardware: Model 237905 (Phoenix Design)
  - L-Cube Vanity Unit, Wall-Mounted, Model LC384403013 (Designer: Christian Werner) pine silver finish
  - Delta Wall Mounted Mirror Cabinet, Model D2754E (Edson Design)
  - OpenSpace B Shower Screen, Model 700012 (Edson Design)
  - ME by Philippe Starck Wall-Mounted Toilet, Model 237905
  - ME by Philippe Starck Furniture Hardware: Model 237905
  - L-Cube Lavatory Cabinet (Designer: Christian Werner) white matte finish
  - L-Cube Wall-Mounted Mirror Cabinet, Model LC7950 (Designer: Christian Werner)
  - P3 Comforts Sink, Model PS977 (Phoenix Design)

- **Ernest Rüst European Kitchens**
  - Kitchen Cabinetry, Model RS Matte finish with stainless steel hardware; AVENYS® HF Bi-Fold Door System, Touch to Open and Blumotion soft-close Mechanisms; Blum Soft-Drive electric drawers; Peka move-down shelves; Legrand Drawers with Ambra Line Dimmers; and Hilfö LED-Lighting for cabinets, shelves, and appliances
  - Rust/Run Height-Adjustable Counter/Eventing Table with Built-in Induction Cooktop
  - Rust/Run Sink with Electrically Folded Bottom
  - Rust/Run Drop Down TV System
  - Rust/Run Integrated/Recessed Charging Station
  - Rust/Run Integrated Counter Scale

- **Flor**
  - Textured Carpet Square, pearl
  - Bluebell Island, Navy
  - Soft Yourself Carpet Square, granite

- **Gerber**
  - Dual Flush Actuator, Model L55890HRL
  - Concealed In-Wall Tank System, Model IL2M7000 and Sink Carriers

- **Ginger**
  - Kubis Shower Rod and Grab Bars, polished chrome finish
  - Linear Grab Bars, brushed nickel finish

- **Hafla America Co.**
  - Synergy Elite Waterfall Hook, Wire Basket, Wardrobe Pin, Valet Rod, Heavy Duty Glide For pull-out Step, LED Lighting
  - Motorized Wardrobe Lift, Engage Pull-out Hamper, Pull-out Shelf, Engage Fabric Drawer, Storage Boxes, Synergy Elite Tie Rack, Belt Rack, Valet Rod, Valet Pin, LED Lighting w/ Motion Sensor and Remote Control

- **Hamaguri**
  - Akrilitos 2 - Spray Prep Kitchen Faucet, Model 39839593, steel optic finish
  - Akrilitos Bar Faucet. Model 39711833, steel optic finish
  - Toto S. Select S 300 Single Hole Faucet, Model 7204200L, chrome finish
  - Toto S. Select S 362B Single Hole Faucet, Model 7204211L, chrome finish
  - Randallone Select S 140L 4 3-Jet Hand Shower, Model 2562200L, chrome finish
  - Randallone Select 3 Wall Mixer, Model 2562200L, chrome finish
  - Randallone Select Round Thermostatic 2 Function Trim, Model 2574300L, chrome finish
  - Logs S/E series towel bars and accessories, chrome finish
  - Toto S. Select E 130 Single Hole Faucet, Model 7775022L, brushed nickel finish
  - Randallone Select 3 120L 3-Jet Hand Shower, Model 2562322L, brushed nickel finish
  - Randallone Select 3 Wall Mixer, Model 2562322L, brushed nickel finish
  - Randallone Select Round Thermostatic 2 Function Trim, Model 2576322L, brushed nickel finish
  - Logs S/E series towel bars and accessories, brushed nickel finish

- **Hufcor**
  - 6357 Series Telescopic Sliding Wall with Unsgap Self-Supporting Truss and Integrated TV Monitor, Carnegie Xped Fabric, colors: Meteor 725, 735, and 750
  - 6338 Series Motorized Partition Wall System with Unsgap Self-Supporting Truss and Integrated TV Monitor, Carnegie Xped Fabric, colors: Meteor 725, 735, and 750

- **In2Green**
  - Eco Woven Throw, made on vintage looms using recycled cotton/olive yarns

- **Newloor**
  - Raised Access Flooring system with integrated porcelain tile and SNS steel support structure

- **Precision Door and Hardware**
  - Flush Door Pull, Model Rockwell 6F95L, satin nickel finish

- **Prolak Design**
  - BigBoy® Openspace Linear: Inorning Board/Laundry Center module (Designer: Giovanni Maggiore)
  - Linear® Sliding complete-pivot frame door system (Designer: Giovanni Maggiore)
  - BigBoy® Openspace Linear: Shoe Rack Module with Mirror and LED lighting, black black legs black legs (Finish: (Designer: Giovanni Maggiore)
  - Linear® Swing, complete pivot door system kit for flush wall door (Designer: Giovanni Maggiore)

- **Vaght**
  - Wizard height-adjustable, dining-to-counter upholstered chairs on chrome swivel disk base, Aquatek Velvet 13 fabric