

# BUILDING DESIGN + CONSTRUCTION®

June 2014

Inspiring the Building Team

## 17TH ANNUAL BUILDING TEAM AWARDS

Nine world-class projects from top project teams

33

BIM/VDC: GENSLER'S 'OCTANE' 54

AIA CES DISCOVERY COURSES  
ROOFING FIXES, FLOORING TRENDS 61

JW Marriott Hanoi Hotel  
Hanoi, Vietnam

**SGC HORIZON**  
a Scranton Gillette  
Communications company



2014 JESSE H. NEAL  
AWARD WINNER





# plumbing essentials

15 FRESH OPTIONS FOR FAUCETS, FIXTURES,

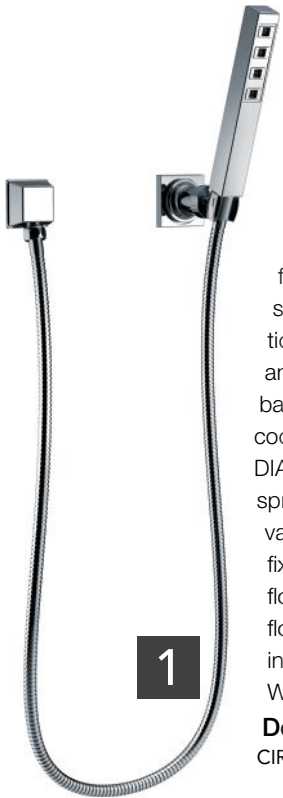
## 1 contemporary bath collection melds style and water conservation

### STYLE AND WATER CONSERVATION

Influenced by the angular silhouettes of modern architecture, the Ara product suite from Delta Faucet comprises faucets, showers, and bath accessories. Offered in chrome or Brilliance stainless finishes, the range includes enclosed- and channel-spout faucets in single- and two-handle configurations; tub and shower trims; hand-held showers; and three- and four-hole Roman tub faucets. Towel bars and universal-mount tank levers are offered in coordinating designs. Features of the Ara line include DIAMOND Seal Technology for two-handle wide-spread faucets, the MultiChoice Universal rough-in valve for showers, and H<sub>2</sub>Okinetic technology for fixed and hand-held shower heads, which sculpts the flow into wave patterns that convey a sense of ample flow at rates as low as 1.5 gpm. All lavatory faucets in the collection meet WaterSense requirements, and WaterSense-labeled shower heads are available.

**Delta Faucet**

CIRCLE NO. 901 ON READER SERVICE CARD



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## 2 EUROPEAN SENSIBILITY SHAPES accessibly priced bathroom fixtures

Duravit has partnered with Italian architect and designer Matteo Thun to create DuraStyle, a contemporary series of bathroom fixtures. The products are designed for ease of installation and maintenance as well as

an accessible price point, according to the manufacturer. Available items include rectangular hand-rinse and full-sized basins; wall-mounted and floor-standing toilets and bidets; nine urinals, including a waterless version; coordinating mirrors with integral LED lighting; and single- and dual-backrest acrylic bathtubs that can be enhanced with a whirlpool system or basic jets. A rimless wall-mounted toilet is designed to expedite maintenance since there are no hidden areas. The full range of ceramics is available with the vendor's proprietary WonderGliss surface coating.

**Duravit USA**

CIRCLE NO. 902 ON READER SERVICE CARD

## 3 FREESTANDING TUB EVOKES Edwardian era with modern material

Traditional style and modern material are combined in the Wessex tub from Victoria + Albert. The tubs are composed of ENGLISHCAST, a composite of ground volcanic limestone and high-performance resins. The seamless material is naturally insulating, durable, and stain-resistant, according to the manufacturer. Exterior surfaces may be customized with faux finishes or custom paint jobs. Traditional ball-and-claw feet are also available in multiple finishes. The manufacturer's Staffordshire tub filler may be specified to complete an authentic period look.

**Victoria + Albert**

CIRCLE NO. 903 ON READER SERVICE CARD

## 4 SENSOR-OPERATED FAUCETS feature easy-access design

The sensors on M•Power faucets by Moen Commercial are located on the underside of the spout, helping to deter tampering. Features



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### 8 URINAL CONFIGURATION minimizes splashing

The Omni-Flow urinal, part of Zurn's EcoVantage product line, has an asymmetrical rear wall that is intended to reduce splashback while conveying a modern style. The Z5755-U version, with top spud design, accommodates flow rates from a pint to a gallon per flush. Units can be combined with a Zurn flush valve to reduce water consumption and meet WaterSense criteria. An optional back spud design (Z5765-U) is also available. Omni-Flow urinals have a standard footprint and use a universal bracket for easy retrofit installations, according to the manufacturer.

#### Zurn Industries

CIRCLE NO. 908 ON READER SERVICE CARD

### 9 WALL-HUNG MACERATING TOILET saves space and conserves water

Sanistar, a wall-hung toilet, combines a macerating pump and an electronically activated flushing mechanism in a one-piece unit, eliminating the need for an external water tank. The space-saving unit requires 1.1 gallons per flush. A one-inch copper or plastic discharge pipe is used to pump effluent nine feet vertically, 100 feet horizontally, or a combination. In retrofit applications, restrooms can be created where none previously existed since the toilet does not require floor excavations for drainage connections. The vitreous china toilet can be mounted to any sturdy wall using a bracket system that is shipped with the unit, or may be built directly into the wall and mounted against studs.

#### SFA Saniflo Inc.

CIRCLE NO. 909 ON READER SERVICE CARD

### 10 therapeutic bathtubs put emphasis on COMFORT AND RELAXATION

BainUltra's Ora therapeutic baths feature an integrated headrest and gently arched back support. The depth permits total immersion, and

a thick deck helps users get in and out of the bath more easily. The tubs are available in the manufacturer's Thermo-masseur line (with airjet thermomassage) and ThermaSens line (combining aromatherapy, chromatherapy, and thermotherapy functions). The units appear to have been cast from a seamless piece of acrylic and come in sizes suitable for small spaces. Configurations include podium, freestanding, and theater-stage styles (extra deep units designed to be partially recessed into a platform).

#### BainUltra

CIRCLE NO. 910 ON READER SERVICE CARD

11



### 11 FREESTANDING BATHTUB FILLER incorporates minimalist aesthetic

The KWC ONO freestanding tub filler line has been expanded with the manufacturer's proprietary "splendure" stainless steel finish, augmenting an existing chrome version. The new model comes with an integral, wand-style hand shower; the chrome version includes the KWC ELY hand shower. Both styles feature a fixed, 7 7/8-inch spout with a flow rate of 7.5 gpm at 60 psi of pressure. The flow rate at the hand shower, which is fed by a 71-inch hose, is 2.0 gpm at 80 psi. The Swiss-manufactured ONO series includes coordinating lavatory faucets, overhead showers, a hand shower on a sliding wall bar, shower trim kits for thermostatic or pressure balance valve applications, and appropriate rough-in components.

#### KWC America

CIRCLE NO. 911 ON READER SERVICE CARD

### 12 SQUARE TILE INSERT DRAINS seem to vanish into shower floors

The LUXE stainless steel square tile insert drain consists of a 100%





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is stain-, mold-, and mildew-resistant, according to the manufacturer. Juliet tubs feature an integral pedestal, slotted overflow, and chrome toe-tap drain.

**MTI Baths**

CIRCLE NO. 913 ON READER SERVICE CARD



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**14 ALL-IN-ONE LAVATORY SYSTEM engineered for efficiency and convenience**

Common concerns about restroom cleanliness, efficiency, and sustainability shaped the design of Bradley's Advocate all-in-one lavatory system. The units include a touchless soap dispenser, a 0.38 gpm faucet, and a hand dryer over an integral sink made of Terreon solid-surface material, helping to keep water off the floor and eliminating towel usage. Users no longer need to wait in line for a dryer or towel dispenser. The soap dispenser includes a time-out feature that helps conserve soap and deter vandals. The dryer hood doubles as a shelf for purses or other small items. Ad-



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ditional features include concealed plumbing and electrical connections and a heavy-duty welded stainless steel frame.

**Bradley Corporation**

CIRCLE NO. 914 ON READER SERVICE CARD

**15 urinals combine touchless technology with WATER-CONSERVING FLUSH VALVES**

American Standard's new high-efficiency, low-consumption urinal flush valves use just 0.25 gallons per flush. The sensor-operated valves are designed to virtually eliminate routine maintenance, incorporating a self-cleaning piston with integral wiper spring to reduce clogs and upkeep time, according to the manufacturer. The Selectronic proximity system offers touchless flushing. Power options include exposed hard-wired AC, exposed hard-wired multi-AC, and exposed battery-powered configurations. A manual override allows the valve to flush without power.

**American Standard**

CIRCLE NO. 915 ON READER SERVICE CARD

stainless, 5x5-inch insert, which provides an alternative for standard round center drains. Available in decorative face styles and a mirror-polish insert model, the drains accept porcelain, ceramic, natural stone, or glass mosaic tile materials up to 3/4-inch thick. The welded two-inch central diameter outlets replace the flange and strainer in any traditional clamped-down shower floor. The manufacturer's collection also includes decorative and pattern-grid linear shower drains.

**LUXE Linear Drains**

CIRCLE NO. 912 ON READER SERVICE CARD

**13 asymmetrical design characterizes SCULPTURAL ENGINEERED-STONE TUB**

The Juliet tub, part of MTI's Boutique Collection, is characterized by fluid lines and an asymmetrical shape. As the viewing angle changes, so does the apparent shape of the tub. The units are made of the manufacturer's proprietary Engineered Solid Stone, a mixture of ground minerals and resins that are liquefied, poured, and hardened for a completely solid unit without hollow areas. The nonporous material