



# VINE STREET FACADE INSTALLATION

## PROJECT OVERVIEW

Created By

**Civic Saint + GEM Cultural and Educational Center**



## EXECUTIVE SUMMARY

Civic Saint and the GEM Cultural and Educational Center have partnered to present a short-term design installation on the Castle site at 2001 Vine Street of Civic Saint's signature Stonehome facade and featuring energy-saving product InVert™ Shades. The presentation is intended as part of Kansas City Design Week this April 18 - 27, 2024 to prompt discussion about innovative, sustainable design methods and building systems.

The short-term project is planned in partnership with the [Center for Architecture and Design](#), coordinators of Kansas City Design Week, and will include an educational panel, public tours of the installation, and workshops.

## PARTNERS

[Civic Saint](#) is a for-profit social enterprise that sustainably creates artful, affordable homes and adaptive communities using compressed earthen block (CEB), modular manufacturing, and technology to close the racial wealth gap and revitalize redlined areas via job creation, homeownership, and their impact.

**GEM Cultural and Educational Center** is a 501c3 nonprofit organization whose mission it is to provide arts and community development services, including housing, in a holistic manner that helps assure Kansas City's urban core will be prosperous and vital for future generations to come. Pat Jordan, the Gem's President, spearheaded the renovation of the Gem Theater. The organization's headquarters is now in the Old Fire Station No. 11 at 21st & Vine with plans to expand their STEAM media technology program and studios into Live/Work spaces and then into a renovated Wendell Phillips School at 24th & Vine nearby.



## INTENDED TIMELINE

February 1, 2024 - May 15, 2024

### FEBRUARY 2024

- Finalize construction schematics for Stonehome Facade Installation
- Commercial compressed earthen block (CEB) production begins
- Volunteer Block making Dates as follows:
  - 9 a.m. to 1 p.m. Saturdays and Sundays February 10 to March 2, 2024
  - 2 p.m. - 6 p.m. Sundays (optional backup) February 10 to March 2, 2024
- Announce public block making events and tour schedule

### MARCH 2024

- March 1: Access to Castle site begins
- March 2-7: Security camera and lighting system installed; fencing installation
- March 8-22: Site preparation for Stonehome Facade Installation at The Castle
- March 23- 31: Begin Facade construction

### APRIL 2024

- April 1: InVert™ Shade window panes arrive
- April 1-2: Complete Facade Construction; plaster and prime for muralist
- April 3-12: Mural installation on Facade; InVert™ Shade window installation
- April 13-16: BUFFER
- April 17: Facade Installation Complete
- April 18: Public Tours begin; weekly Thursday thru Sunday until May 5, 2024
- April 20: Stakeholder Ribbon Cutting and Reception at 2033 Vine Street
- April 25: Present *Super Abundant Neighborhoods: Thriving on Kansas City's Eastside* at AIA-KC Design Week lunchtime Thursday, April 25 at 2000 Vine Street.

### MAY 2024

- May 6 - 10: Begin Facade Installation Demo; Civic Saint vacate production site
- May 15: Demo complete





## CIVIC SAINT PRODUCT

Compressed earthen blocks (CEBs) are bulletproof, fire resistant, non-toxic, cost-efficient to construct and maintain, and long lasting. Civic Saint's design embraces these benefits to protect residents and integrates the principles of neuroaesthetics to counter the negative neurological and physiological impact of living in a redlined area.



Because CEBs are made of 90% soil and 10% water and cement making them twice as strong as a comparable 100% cement block, our construction method allows us to explore two initial product lines:

Our flagship Stonehomes are 600 sq.ft. engineered units with customizable mural exteriors that will retail for \$50,000-75,000 USD.

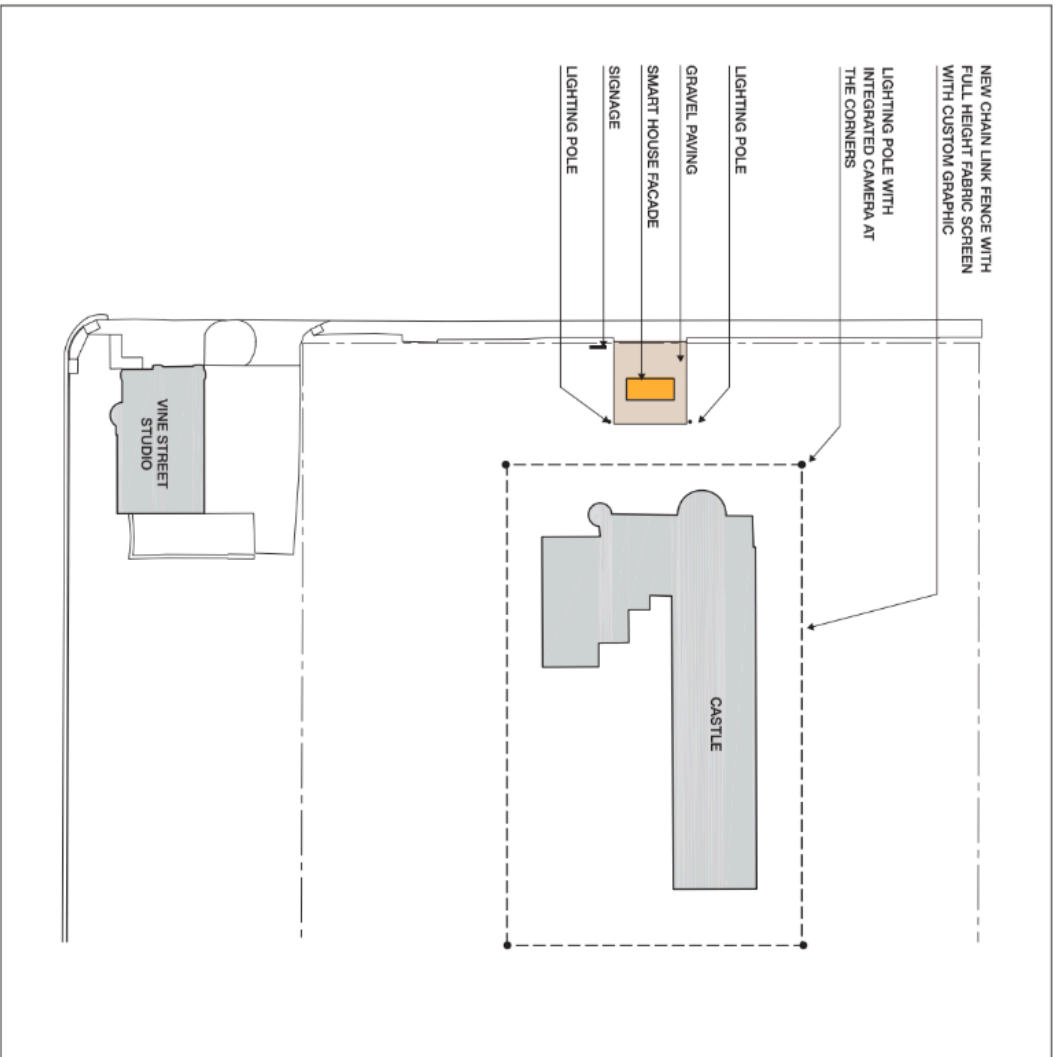
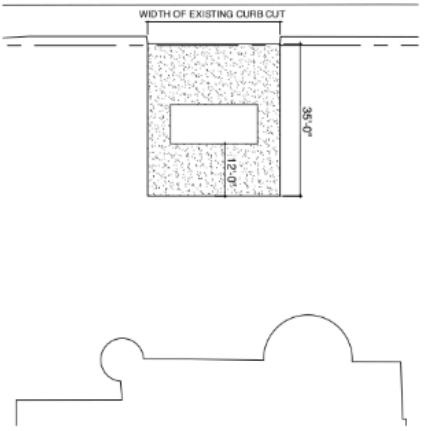
GeoCabins: stackable 200-300 sq.ft. efficiency units with open floor plans and creative exteriors. Target retail: \$15,000-25,000 USD.





# CIVIC SAINT<sup>SM</sup>

## SITE PLAN



CULTURAL AND EDUCATIONAL CENTER

SM(ART) HOUSE FACADE

10 DECEMBER 2023





## 2024 KC DESIGN WEEK OVERVIEW

### TITLE + LOGISTICS

Super Abundant Neighborhoods: Thriving on Kansas City's Eastside

Lunchtime Thursday, April 25, 2024

2000 VINE ST., Kansas City, MO 64108

### PANEL DESCRIPTION

***What if the future of affordable housing were underneath your feet or in your waste bin?***

Join members of Kansas City's architecture, engineering, and construction industry to learn about new sustainable construction methods and materials being invented and utilized in cutting-edge developments across Kansas City. Attendees will also learn how design leaders can equitably re-imagine the design/build process to benefit overlooked communities, which are most vulnerable to the effects of climate change but also represent some of the best opportunities for our nation to meet its climate goals.

Our panel of poised practitioners will share their innovative, entrepreneurial approaches to creating attainable, sustainable structures and homes from vantage points of the environment and economics—all while working alongside the surrounding community to imbue it with opportunities to build generational wealth, a sense of belonging, and community equity.

### CONTEXT + HISTORY

Affordable housing remains one of the greatest determinants of personal, familial, and community health because it directly affects one's means to care for self and family. Albeit, United States federal policy of "redlining" majority low-income, Black neighborhoods as 'risky' for mortgage and insurance lenders kept Black Americans in the 20th-century from building wealth via homeownership while inequitable land use policy destroyed or contaminated housing stock in Black and Brown neighborhoods.

**As a result, Black Americans are projected to have a net negative or zero wealth valuation by the year 2050 without intervention to create 50,000-55,000 quality jobs within said community and/or bolster Black homeownership as a means for generational wealth transfer, self-determination, and community equity.**

In 2019, the median wealth for white households was \$188,200, compared to \$24,100 and \$36,100 for Black and Hispanic households, respectively (Bhutta et al., 2020).



## PANELISTS

Pat Jordan, GEM Cultural and Educational Center

[Ajia Morris](#), LADD School Development

Godfrey Riddle, Civic Saint

Doris Sung, TBM Designs/InVert™ Shades

Moderator? [Tammy Edwards](#), Federal Reserve, SVP of Community Development? Dawn Taylor?

## EVENT AGENDA (PROPOSED)

- 11:30a -noon // Materials Reception & Check-in — guests explore and experience featured innovations and panelist projects
- Noon - 12:45p // Welcome, Panel Presentations and Discussion
  - Three to four panelists, 2-3 minute intro per panelist
  - Attainable, sustainable housing design and development
  - Godfrey host/moderate or participate on panel
- 12:45 - 1p // Q + A
- 1 - 1:30p // Prototype Tour or Self-Guided Walk-Thru (Optional for attendees)





## 2024 PUBLIC TOUR SCHEDULE

### LOCATION

Civic Saint, 2033 Vine Street, Kansas City, MO 64108

### SCHEDULE

Available weekly from April 18, 2024 to May 5, 2024

THURSDAYS	FRIDAYS	SATURDAYS	SUNDAYS
10 - 10:45 am 2 - 2:45 pm ( <i>FREE</i> )	10 - 10:45 am 11 - 11: 45 am 2 - 2:45 pm 3 - 3:45 pm	10 - 10:45 am 11 - 11: 45 am 2 - 2:45 pm 3 - 3:45 pm	10 - 10:45 am 2 - 2:45 pm ( <i>FREE</i> )

### TICKETING

- Tickets \$10 each; groups of 12 to 24 people per tour
  - Fee covers staffing and complimentary items; **FREE tours during design week as well as Thursdays and Sundays at 2 p.m.**
  - 12 tours per week for four weeks; up to 36 total tours
  - Capacity for between 432 to 864 visitors over three weeks; *optional fourth week starting April 11, 2024 if ahead of schedule*
- 45-minute guided tour of Civic Saint temporary factory and Facade Installation
- Complimentary beer/coffee across street at Vine Street Brewery/The Spot and Civic Saint signature “House A Human” pin OR mini CEB and QR code
- Opportunity to donate to support advancement of Civic Saint’s mission and prototype

### TALKING POINTS

- Civic Saint business model and construction method; begin/end at Factory
- Explanation of Stonehome Facade Installation materials: CEBs, InVert<sup>TM</sup>Shades, BioLime
- History of the Kansas City Workhouse (aka The Castle)
- History of 18th & Vine Jazz District and UNESCO World Heritage Designation

# CIVIC SAINT<sup>SM</sup>

**CIVIC SAINT PRODUCTION FACILITY**  
2033 Vine Street, Kansas City, Missouri 64108

