



WINDOVER



**OVERVIEW:
VOLUMETRIC
MODULAR & OTHER
INDUSTRIALIZED CONSTRUCTION**

**ACEC PRIVATE SECTOR COMMITTEE
DECEMBER 17, 2024**



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PRESIDENT & CEO

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 **WINDOVER**



ABOUT WINDOVER

HOW WE PARTNER



CONSTRUCTION
MANAGEMENT



DESIGN-BUILD



VIRTUAL DESIGN &
CONSTRUCTION

OUR MARKETS

- ACADEMIC & INSTITUTIONAL
- CORPORATE & COMMERCIAL
- MULTIUNIT HOUSING
- SENIOR LIVING
- LIFE SCIENCE & HEALTHCARE
- CUSTOM HOMES



BEVERLY, MA & CHARLESTON, SC



100% EMPLOYEE-OWNED



**LOCAL, NATIONAL, & INTERNATIONAL
AWARD RECOGNITION**



HOW WE BUILD



VIRTUAL DESIGN & CONSTRUCTION

We are **leading through innovation** with our cutting-edge Virtual Design & Construction (VDC) capabilities, optimizing the way we develop and construct to **help teams build faster, safer and more sustainably** than ever before.



4D
PLANNING



DIGITAL
PREFABRICATION



VIRTUAL &
MIXED REALITY



LASER
SCANNING



AUTOMATION



DRONE
SURVEYS



MEP/BIM
COORDINATION



3D
PRINTING





DIGITAL TWIN TECHNOLOGY

Digital-twin technology enables users to create **dynamic, data-rich replicas of their buildings** that connect all systems and see critical facility maintenance information in real-time.



REAL-TIME MONITORING



PREDICTIVE MAINTENANCE



OPERATIONAL EFFICIENCY



DECISION MAKING



ENHANCED COLLABORATION



LIFECYCLE MANAGEMENT



EMERGENCY PREPAREDNESS



SUSTAINABILITY



HOW WE BUILD



INDUSTRIALIZED CONSTRUCTION

Industrialized construction methods like **prefabrication and modular construction** allow us to streamline construction timelines, mitigate onsite disruptions, and **enhance overall project quality**.

BENEFITS OF INDUSTRIALIZED CONSTRUCTION

- | | | | |
|----------------|-----------------------|-----------------------------|---------------------------|
| QUALITY | SUSTAINABILITY | MINIMAL WASTE | PREPLANNING |
| SAFETY | EFFICIENCY | CERTAINTY OF OUTCOME | EARLY COORDINATION |



CANVAS
BEVERLY, MA | 126 UNITS

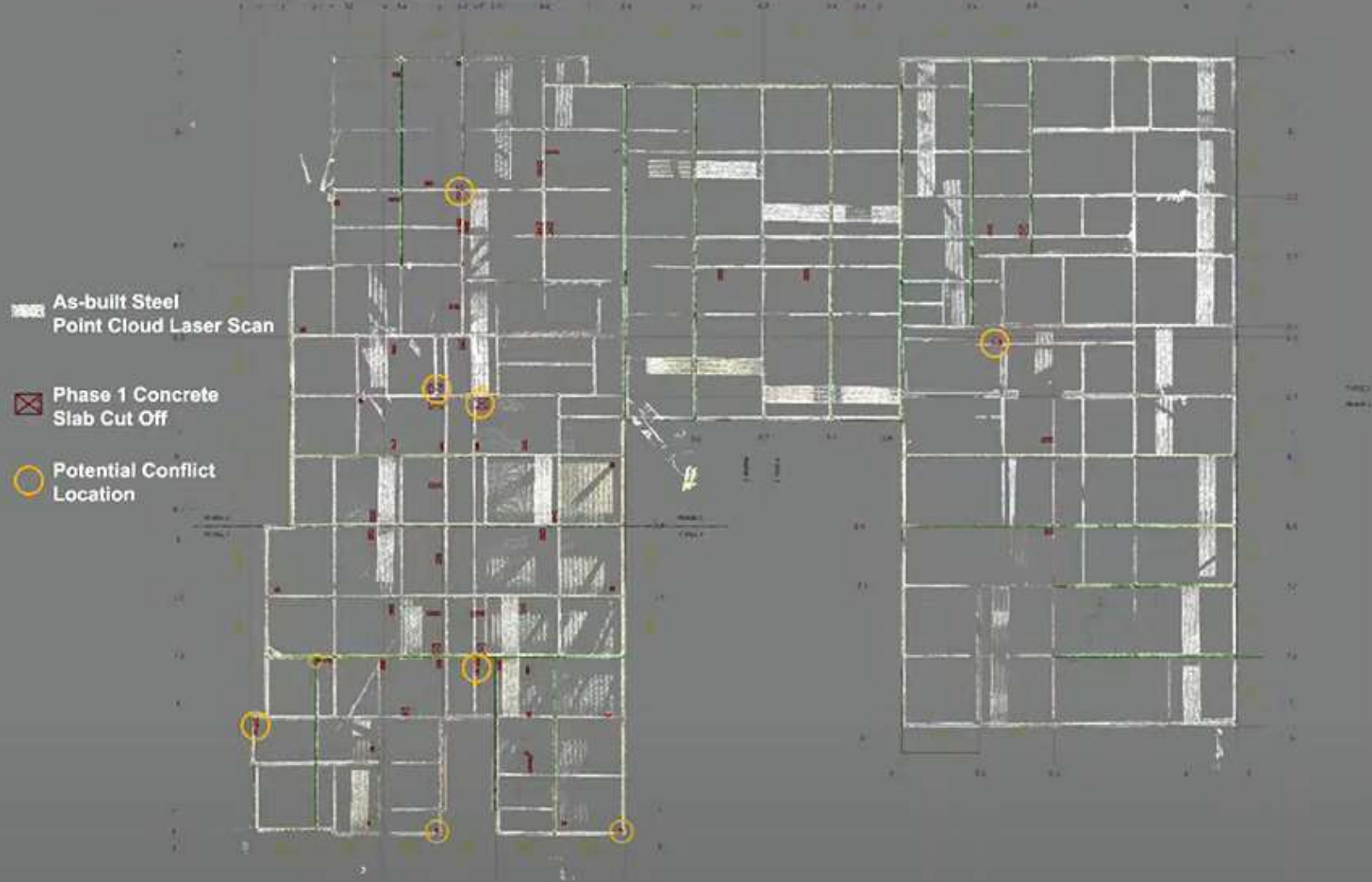


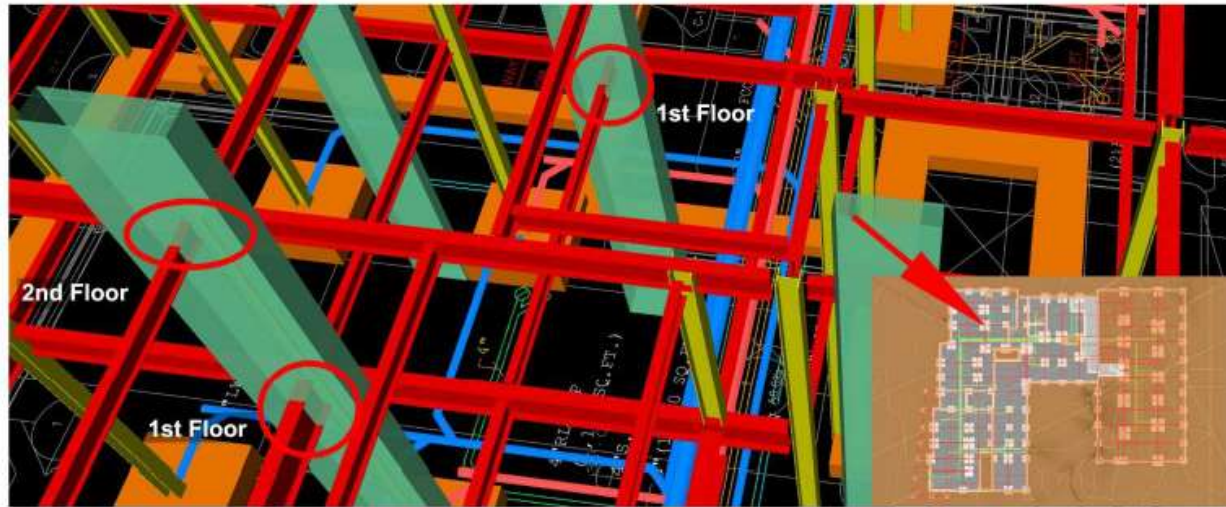


RCM MODULAIRE, QUEBEC
DAILY SCANS OF OFF-SITE CONSTRUCTION FOR ALL STAKEHOLDERS

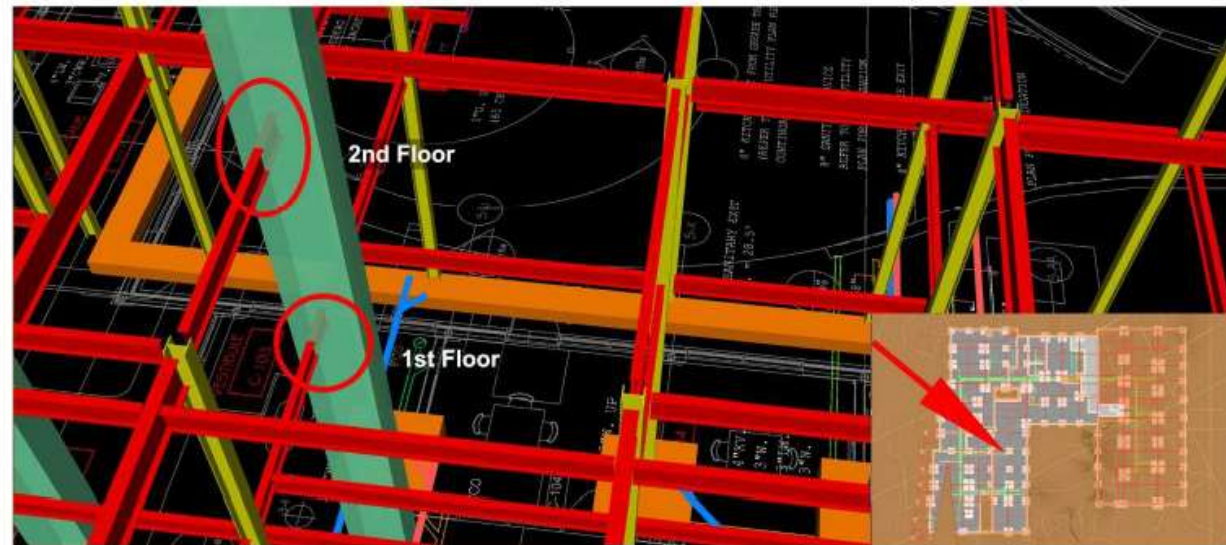


Overlay: As-built Steel and Concrete Slab Cut Off





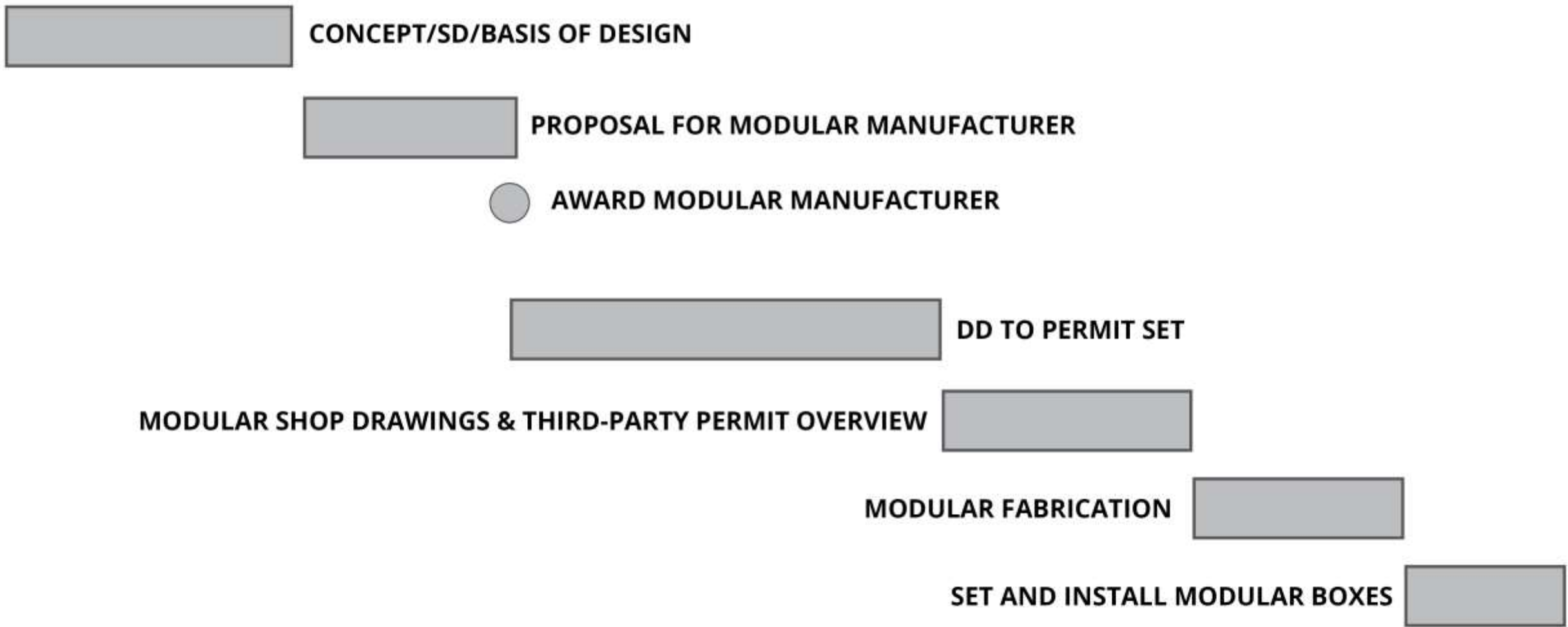
Structure vs Shaft between S-14 / S-C



Structure vs Shaft S-U.1 / S-18

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DESIGN PROCESS





BEACHVIEW
HAMPTON, NH | 20 UNITS





ENDICOTT COLLEGE - STANDISH HALL
BEVERLY, MA | 295 BEDS



TUFTS UNIVERSITY - TEMP HOUSING
MEDFORD, MA | 159 BEDS

INDUSTRIALIZED CONSTRUCTION





MENTAL HEALTH AWARENESS

- LOOK FOR EARLY WARNING SIGNS
- REMOVE THE NEGATIVE STIGMA OF MENTAL ILLNESS
- REMOVE BARRIERS FOR ACCESS TO HEALTHCARE



Mental Health
Collaborative

988

is the new national suicide prevention line.

**Call or text 988 if you or someone you know is
experiencing a mental health crisis.**



What happens when I call 988?

- You'll hear an automated welcome message with these options:
 - Español/Spanish line
 - Military/Veterans line
 - LGBTQ+ line
 - or stay on the main line
- You'll be connected to a **local trained crisis counselor**, who will **listen** to understand what you're experiencing, **provide support**, collaboratively **develop ways to feel better**, and **connect you to resources** if needed.

To learn more, visit <https://988lifeline.org/wp-content/uploads/2021/08/Back-to-Basics.png>, <https://988lifeline.org/> or <https://mhanational.org/resources/988>

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THANK YOU!

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