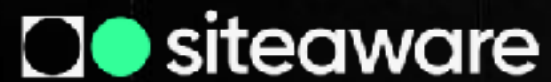




Siteaware intro

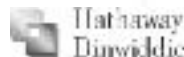


AI-Powered QA for  
Error-Free Construction



# The Standard for Error-Free Construction

Pioneer of AI-powered Quality Assurance



## A new **category** to bring **manufacturing-grade quality** to **construction**

A systematic, repeatable process providing unmatched visibility, efficiency, and control across your projects



# Construction Errors Are Costing Billions

Manual Quality Control is broken and expensive

**\$100B+**

Lost annually to construction errors

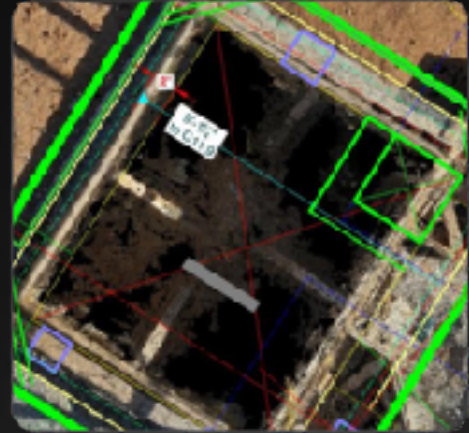
**70%+**

of projects suffer delays or cost overruns from quality issues

**\$2B**

annual spend on defect litigation

Small human errors can have massive consequences



Elevator shaft opening:  
**8" deviation**

Cost of immediate fix:  
**\$100K**

Cost of late discovery:  
**\$1M**



## 27 of the Top 100 ENR are Customers

Rapid Adoption by Industry Leaders

### 40+

Customers, 27 of top ENR 100 customers, 19 enterprise accounts

### 500+

Projects, 5,000 floors, 3M elements verified, 70K flagged observations



**Trusted in the field, endorsed by execs**

80%+ of projects stopped manual spot checks

**Industry Standard in the Making**

Fueled by word-of-mouth and proven ROI that drive consistent deal flow



# Setting a Quality Standard Across the Industry

## Multifamily (concrete)

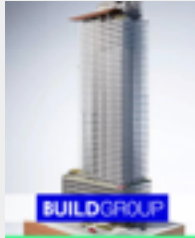


Treasure Island  
San Francisco, CA



Two Park Central  
Calgary, AB

## Office and mixed use



First light  
Seattle, WA



600 South Tryon  
Charlotte, NC

## Stick frame



Garden Oaks  
Houston, TX



Era on Eagle  
Denton, TX

## Healthcare and biotech



Cherokee Nation Hospital  
Tahlequah, OK



Gateway of Pacific S  
San Francisco, CA

## Airports and Special



LAX  
Los Angeles, CA



Intuit Dome  
Los Angeles, CA

## Industrial and Warehouse



Supernova  
DeKalb, IL



TI SFAB2  
Sherman, TX

## Siteaware by the numbers

500+  
Buildings

5,000+  
Levels

3,000,000+  
Elements inspected

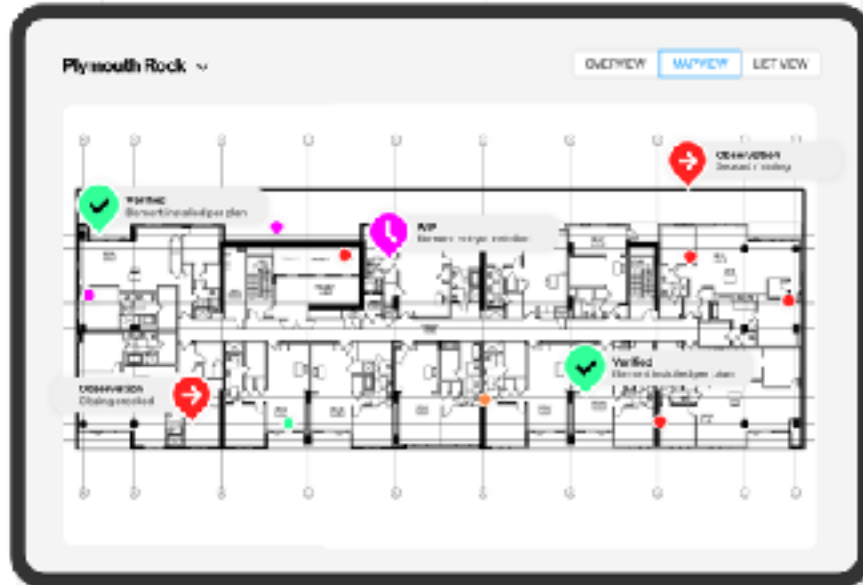
70,000+  
Observations flagged



# Real-Time QA

## Catching Errors Before They Cost Millions

First-of-its-kind **AI-powered** QA platform, **unmatched** in the industry



**Unique AI-powered platform**, vertically built for construction

Compares fieldwork to plans, **flagging deviations in real time**

The **most accurate** tool on a construction site

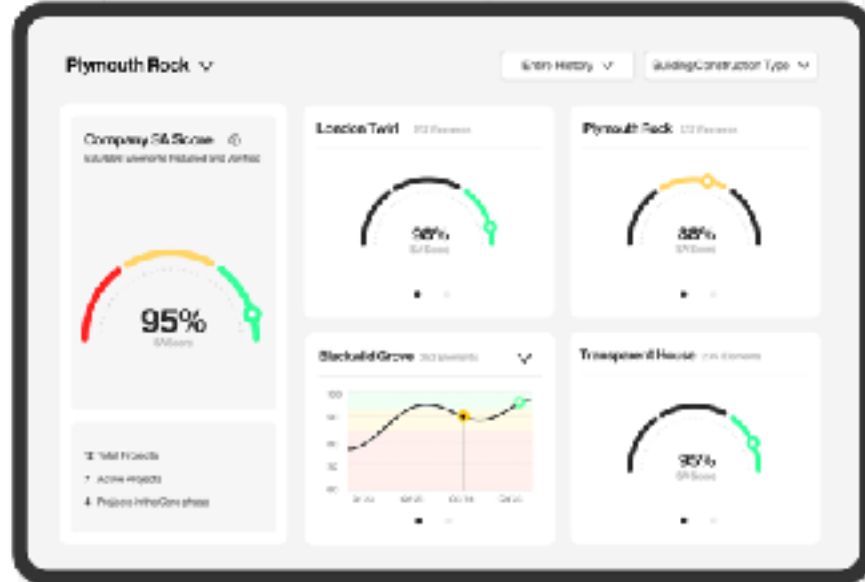
**Seamlessly integrated** into field workflows



# Real-Time QA

## Catching Errors Before They Cost Millions

First-of-its-kind **AI-powered** QA platform, **unmatched** in the industry



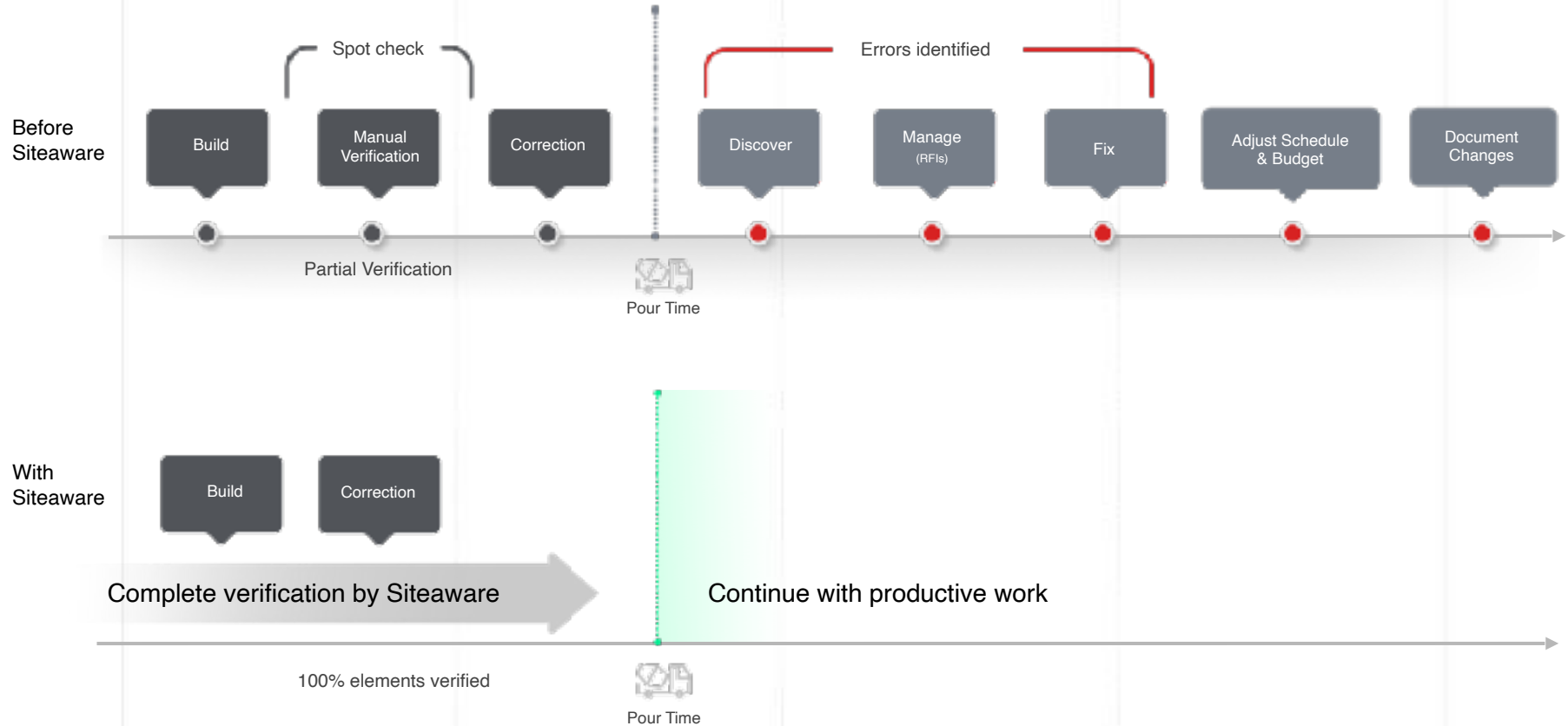
**Full cycle quality management**, from trades, through GC field teams, all the way to top execs

**100% assurance** for all critical phases of construction (structure, façade, interiors)

Siteaware **sets a new quality standard** for construction across all project types



# From Late Discovery to 100% Quality Assurance





# Quality Management Across Critical Phases

Siteaware: Real-time, comprehensive quality management of every structural element



Core (Structure)



Shell (Facade)



Interior (Partitioning and systems)



# How it works

## Verification Cycle

### Data capture

Scans are performed continuously during installation

Drone



Crane



Camera



Lidar







Quality Assurance Through All Critical Phases of Construction



- Before pouring concrete, Siteaware's scans the area to verify that all elements (formwork, MEP, embeds, etc.) are accurately placed according to plans.
- The platform detects potential discrepancies early, reducing rework and ensures the structural integrity of the project.
- Once the scan is complete, the platform generates verification data highlighting any variances from the plans, allowing quick resolution before proceeding with the pour.

## Concrete

Slab Edge  
Beams  
Columns  
Deck Forms  
Walls  
Openings  
Footings  
Grade Beams  
Flush Top Bolts  
Stud Rails

## Embeds

Hold downs  
Façade  
Stair  
Elevator  
Structural  
Railings  
Misc Steel

## PT Tendons

## Steel

Pour Stops  
Columns  
Deck Forms  
Openings  
Anchor Bolts

## M/P/FP

Sleeves  
Risers  
Chases  
Hangers  
Drains (P)  
Risers (P/FP)

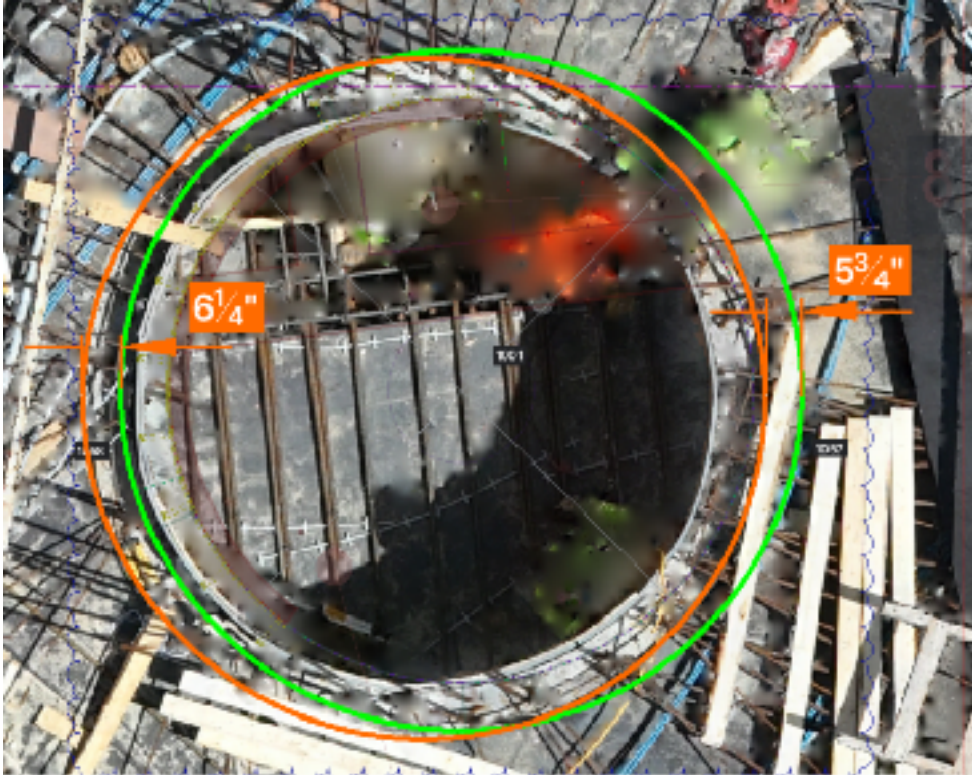
## Electrical

Boxes  
Conduits  
Sleeves  
Chases  
Hangers



## Siteaware observation example

### Concrete | Elevator Opening



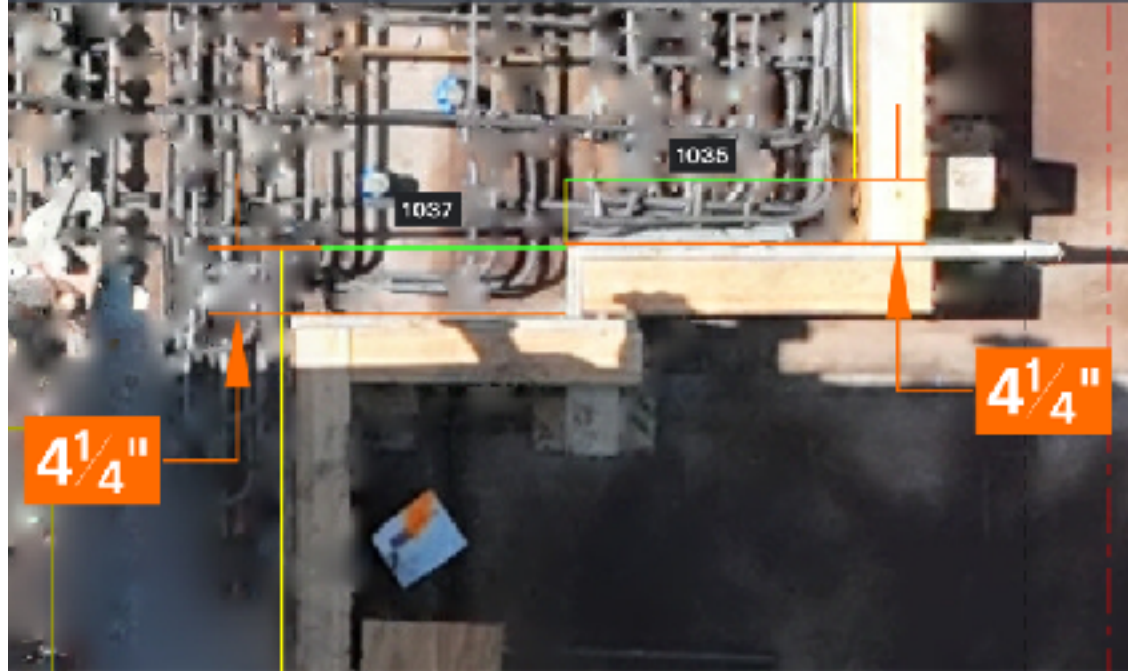
Gone unchecked, this shifted elevator shaft would have continued up the building leading to very expensive and time consuming post-pour correction work. Catching this mistake early allowed the Ritz Carlton team an opportunity to proactively re-coordinate the systems and structure around the opening.



## Siteaware observation example

### Slab edge layout

July, 2025



Confirm the location of all formwork to avoid the need for post-pour chipping or appending



# Siteaware observation example

## Elevator opening layout

July, 2025



Verify the size of all stair and elevator openings to confirm they are plumb and properly sized



- Siteaware's platform is used to verify the installation of facade components, ensuring that panels, windows, and all other elements align with the design specifications.
- By scanning the facade periodically, detecting any misalignments, incorrect installations, or defects early on, the platform allows issues to be addressed before the final inspection.
- The system generates detailed verification data with visual overlays, comparing the as-built conditions to the design, providing the project team with actionable insights to maintain high-quality standards.

## Finishes

Punched Windows  
Curtain Wall  
Window Wall  
Exposed Concrete  
Louvers  
Masonry/Brick  
Ceramic Tile  
Precast Panels  
Metal Panels  
Electrical Fixtures  
Mechanical Vents  
Fire Sprinkler Heads  
Trim  
Railings  
Coping  
Fiber Cement Panels  
Stucco  
EIFS  
Fiber Cement Siding  
ISA/BMU Systems  
Rainscreen Systems

## Structure

Chipped Concrete  
Cracked Concrete  
UngROUTED PT Tendons  
Missing Embeds  
Covered Embeds  
Exposed Rebar

## Waterproofing

Air and Water Barrier  
Vapor Barrier Systems  
Flashing  
Sealant  
Weeps  
Gaskets  
Sheathing



Incomplete sheathing coverage

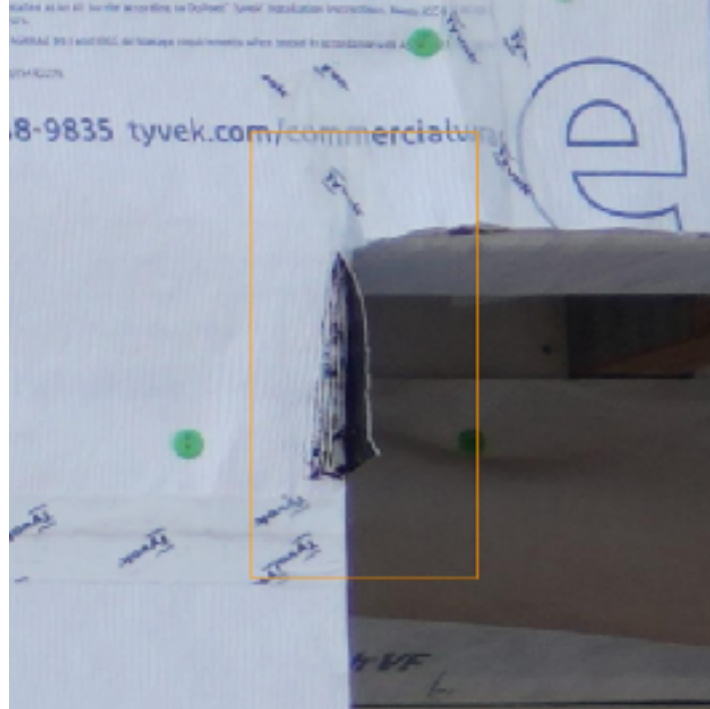


Damaged sheathing



Ensure that the waterproofing system is warrantable by verifying all detailing and manufacturing requirements are followed





Ensure that all damage to the waterproofing system is corrected to prevent water-infiltration related call backs



**Misalignment**



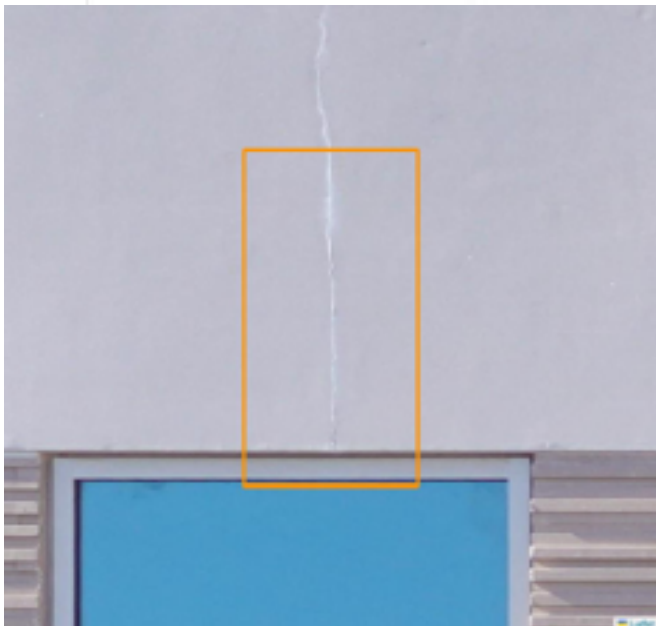
**Wrong glazing type installed**



Ensure your building's design vision is flawlessly executed by meticulously verifying every architectural exterior detail and finish



## Cracked Precast Panel



## Cracked Glazing



Detect finish defects in hard-to-reach areas and compile them into a comprehensive punch list, enabling streamlined tracking and monitoring of resolutions throughout your project.



- Siteaware verifies interior construction elements, such as room layouts, partitioning, and systems, ensuring all components align with the design plans.
- It detects discrepancies in wall positions, openings, and dimensions, preventing costly errors and rework.
- The platform provides detailed verification data, allowing teams to address interior issues early and keep the project on track.

## Openings

Window Openings  
Door Openings

## Layouts

Framing Layout  
Clashes  
ADA Clearances

## MEP

Plumbing Piping, Valves and Boxes  
Mechanical Vents & Equipment  
Electrical Wall and Ceiling Boxes

## Fire Safety

Fire Alarm Boxes  
Fire Sprinkler Heads



## Support Blocking - wrong elevation



## Plumbing drains - layout deviation



Prevent ADA code violations by ensuring all in-wall support blocking and plumbing elements are installed at the correct location/elevation



# Mechanical vent – size deviation

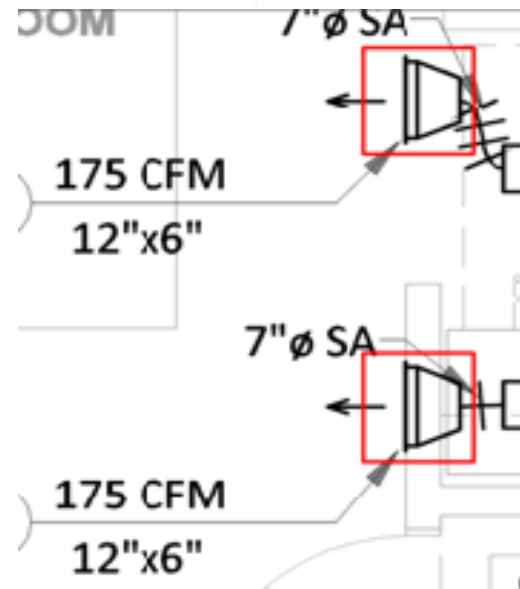
July, 2025



As-built condition



Design Plan



Verify with 100% assurance that all penetrations are sized per the field-use documentation



## Electrical box - Layout deviation

July, 2025



Verify that every in-wall element is installed and at the correct elevation per the construction documentation avoiding delays in receiving a Certificate of Occupancy



# Fire Sprinkler

## Incorrect Elevation



Avoid fire-code related violations

## Layout-Position







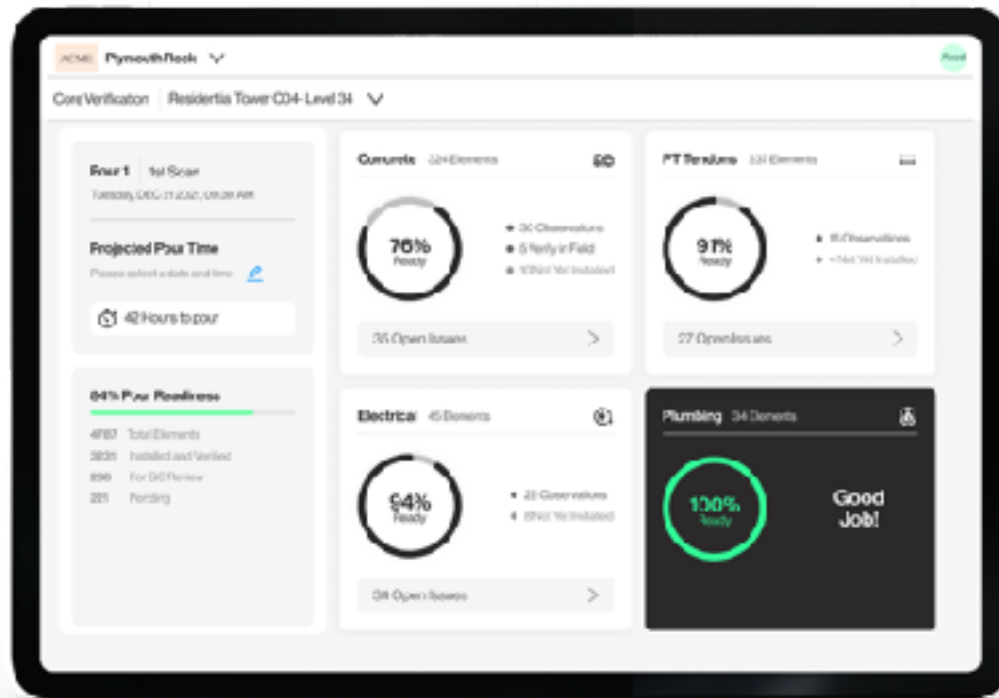
100% Quality Assurance





# 100% Assurance in Every Critical Phase

Siteaware creates detailed verification data, allowing teams to **address issues early and keep the project on track**



Pour Readiness on the Siteaware platform

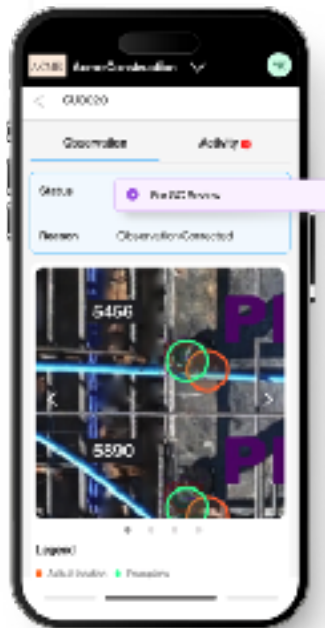


# Resolve Discrepancies Early

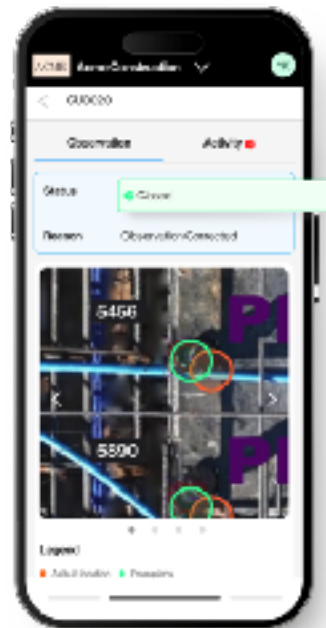
Keep projects on track



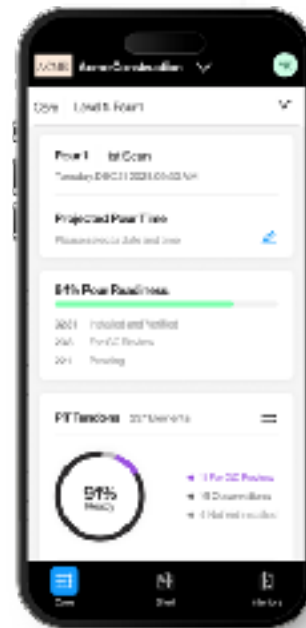
Easily **review** all open observations



Trades **move** observations to be approved



Admins provide **final approval** and **close** observations



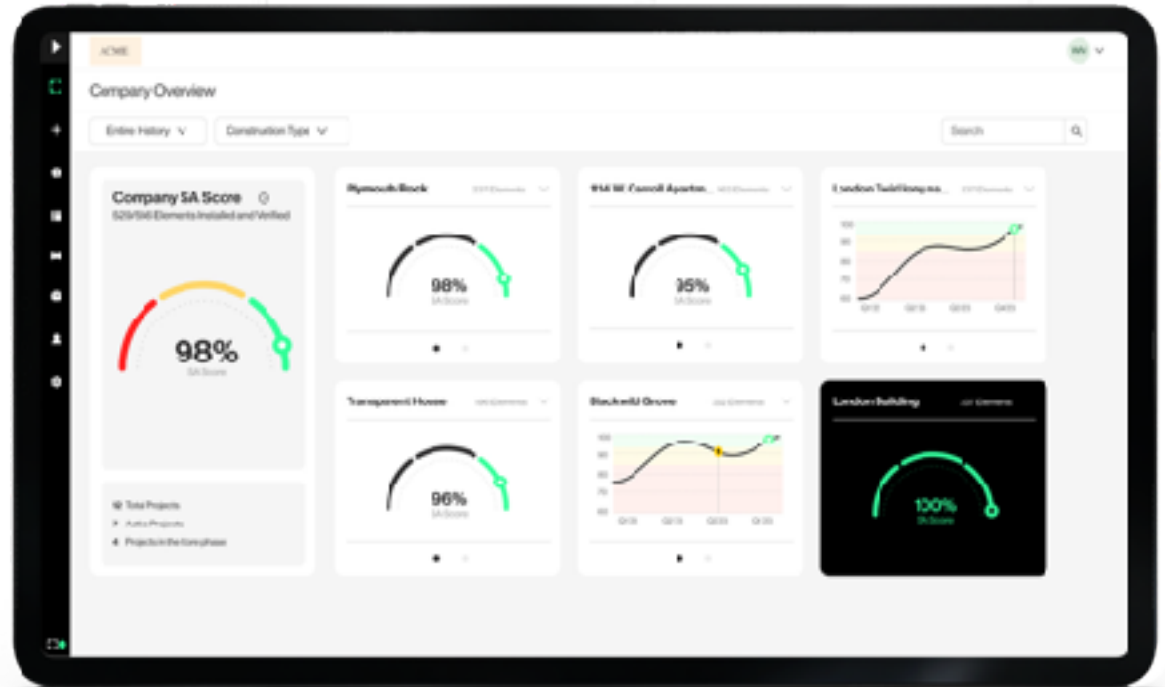
Everyone can **stay on top of overall progress** for each scan and each trade



# SA Quality Score - The New Standard

Manage quality **for every trade, in every project**

Create a **consistent quality standard** across your business







Thank you  
for your time

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