LEVERAGING INNOVATI ~~ONS~~

Utilizing Technology to Add Value for Project Stakeholders

SUNDT

DECISION MAKING

1. **Define the Problem**
2. **Problem Analysis**
   - Define Current Solutions
   - Environment to be Deployed
   - Develop "Ideal Workflow"
3. **Research Solutions**
   - Consider Do Nothing & Make Approaches
4. **Analyze Solutions**
   - Compare Ideal vs. Provided Workflows
   - Costs Analysis
   - Training Program & Support
   - Integration with ERP

5. **Comparison**
   - SME Review
6. **Approval**
7. **Execution**
   - Assign Champion
   - Schedule Training
   - Order Hardware

SITESENSE

1. Define the Problem
2. Problem Analysis
3. Research Solutions
4. Analyze Solutions
5. Comparison
6. Approval
7. Execution
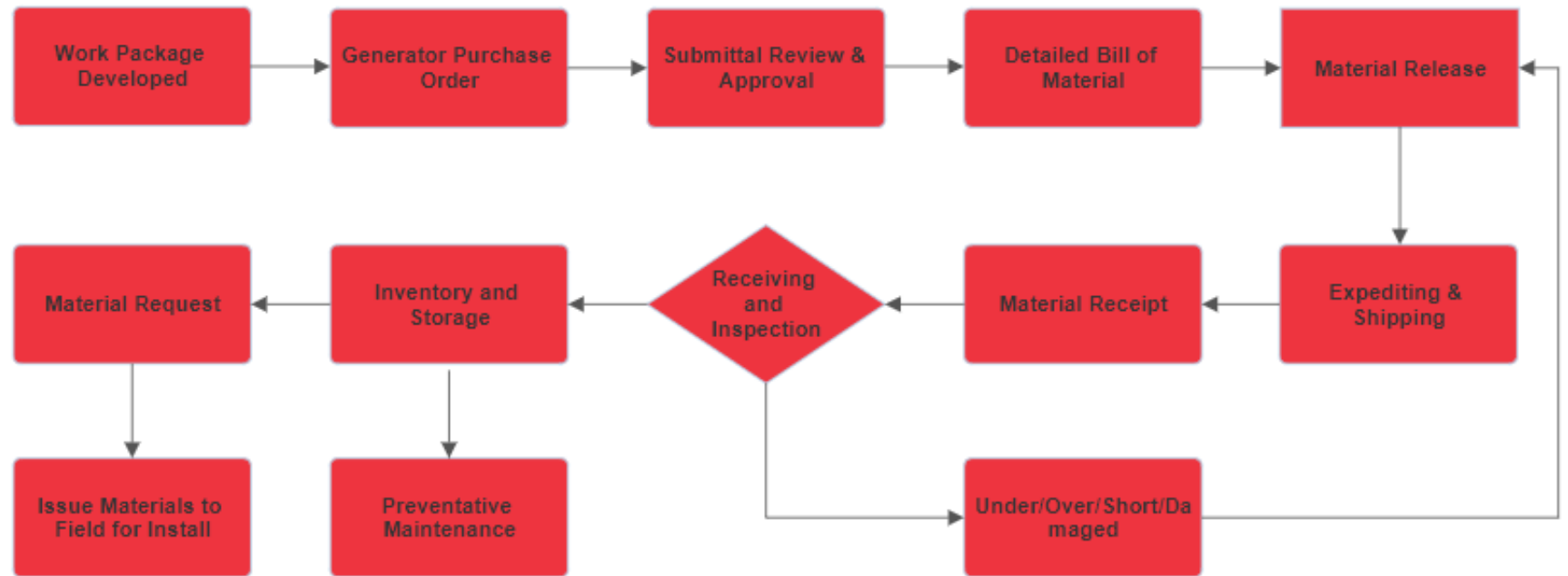
SITESENSE

- Permanent Materials
  - Organized by Work Package
  - Material Receiving
  - Inventory & Storage
  - **Preventative Maintenance**
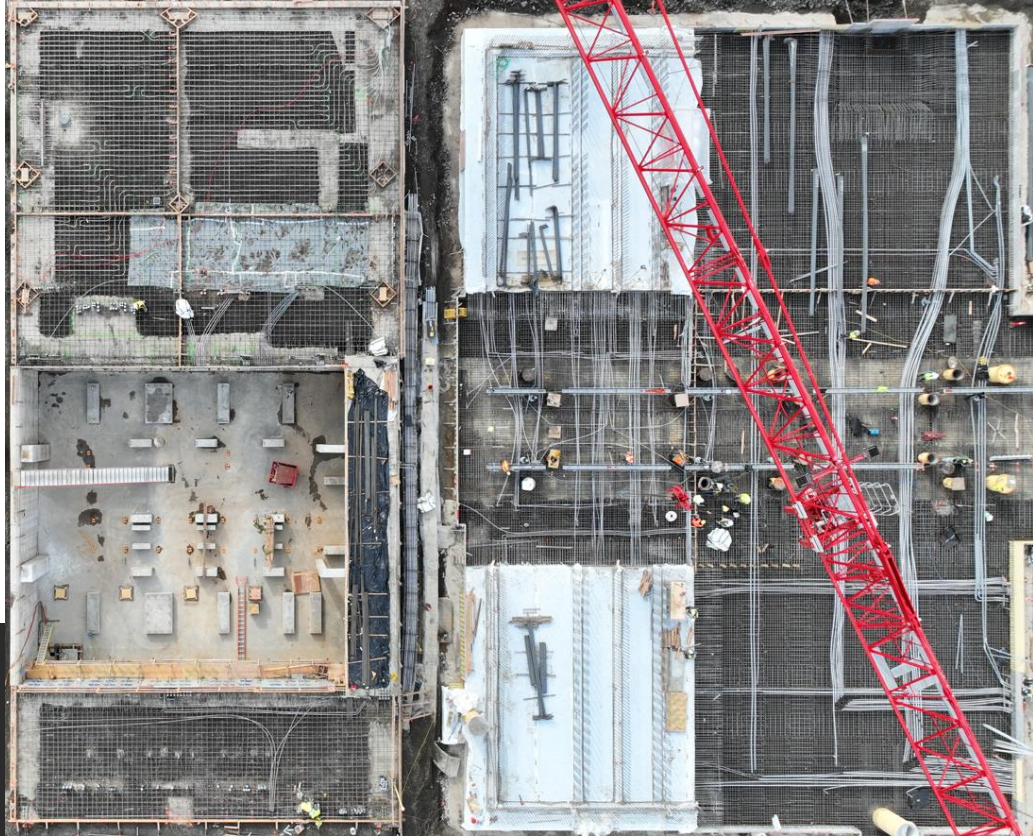 - Issuing for Install

SITESENSE

- Consumables & Safety Items
  - Maintain accountability
  - Minimum Inventory
- Small Tools & Equipment
  - Planning routine maintenance
  - Maintain accountability
  - Forecast and optimize onsite inventory
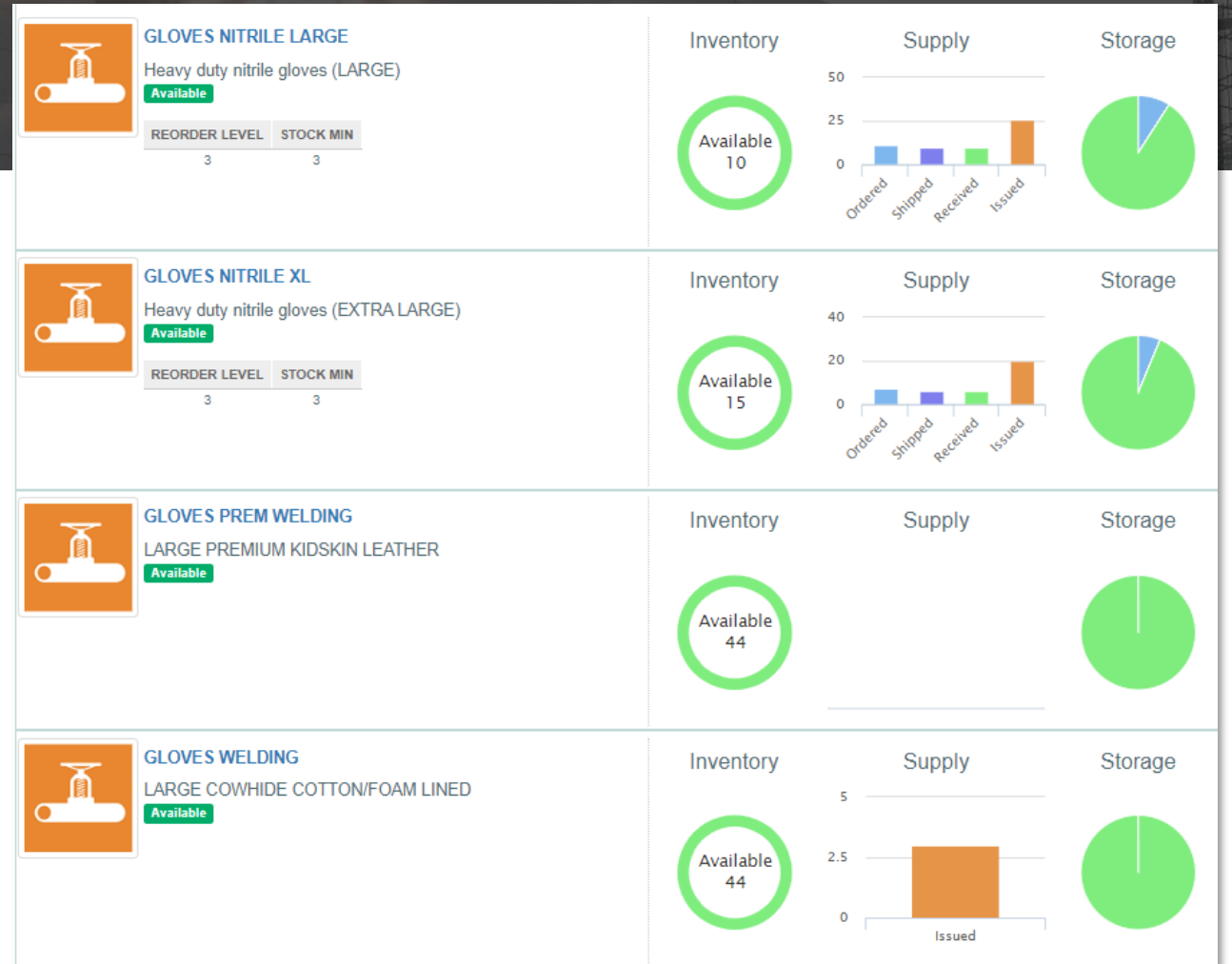
DRONES IN CONSTRUCTION

DRONE DEPLOY

DRONE DEPLOY

INNOVATIONS – DRONE LOGISTICS
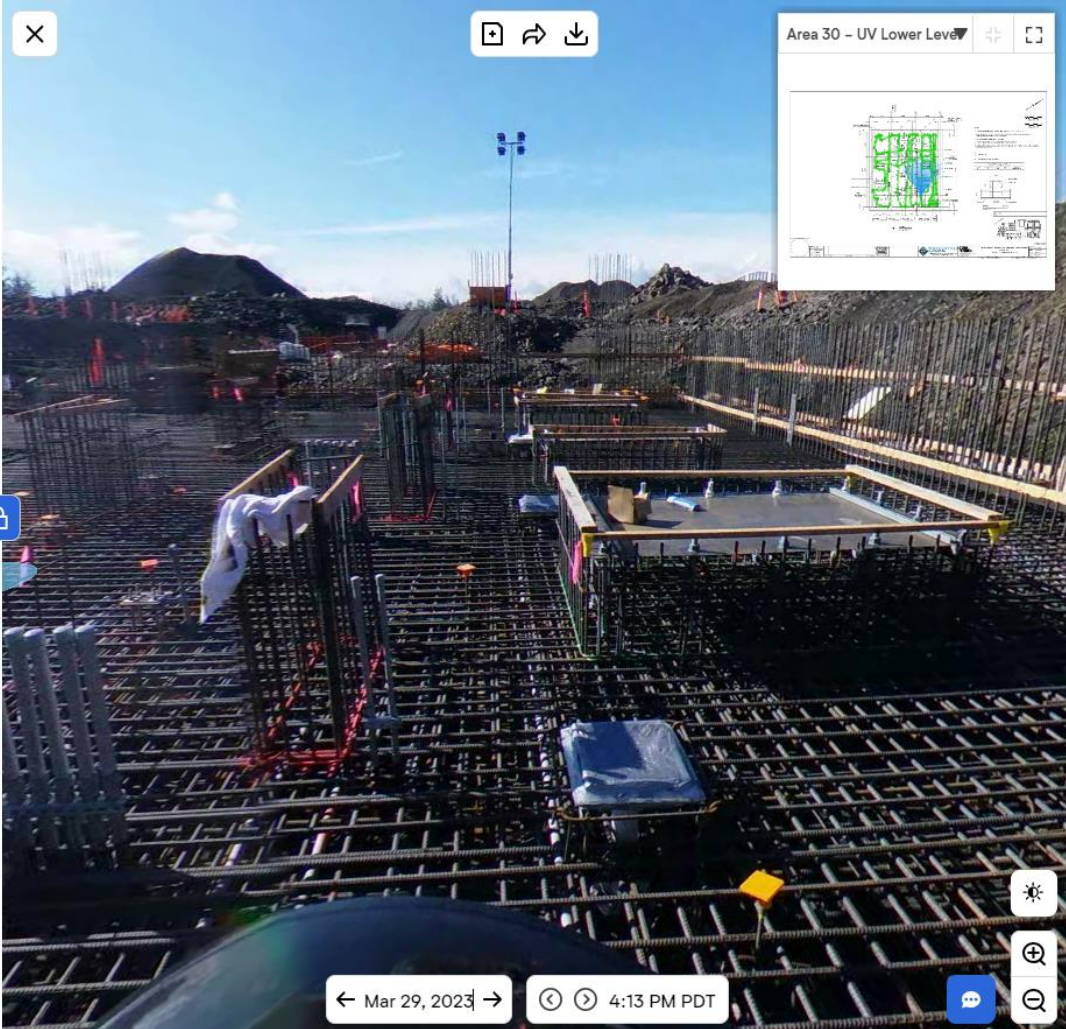
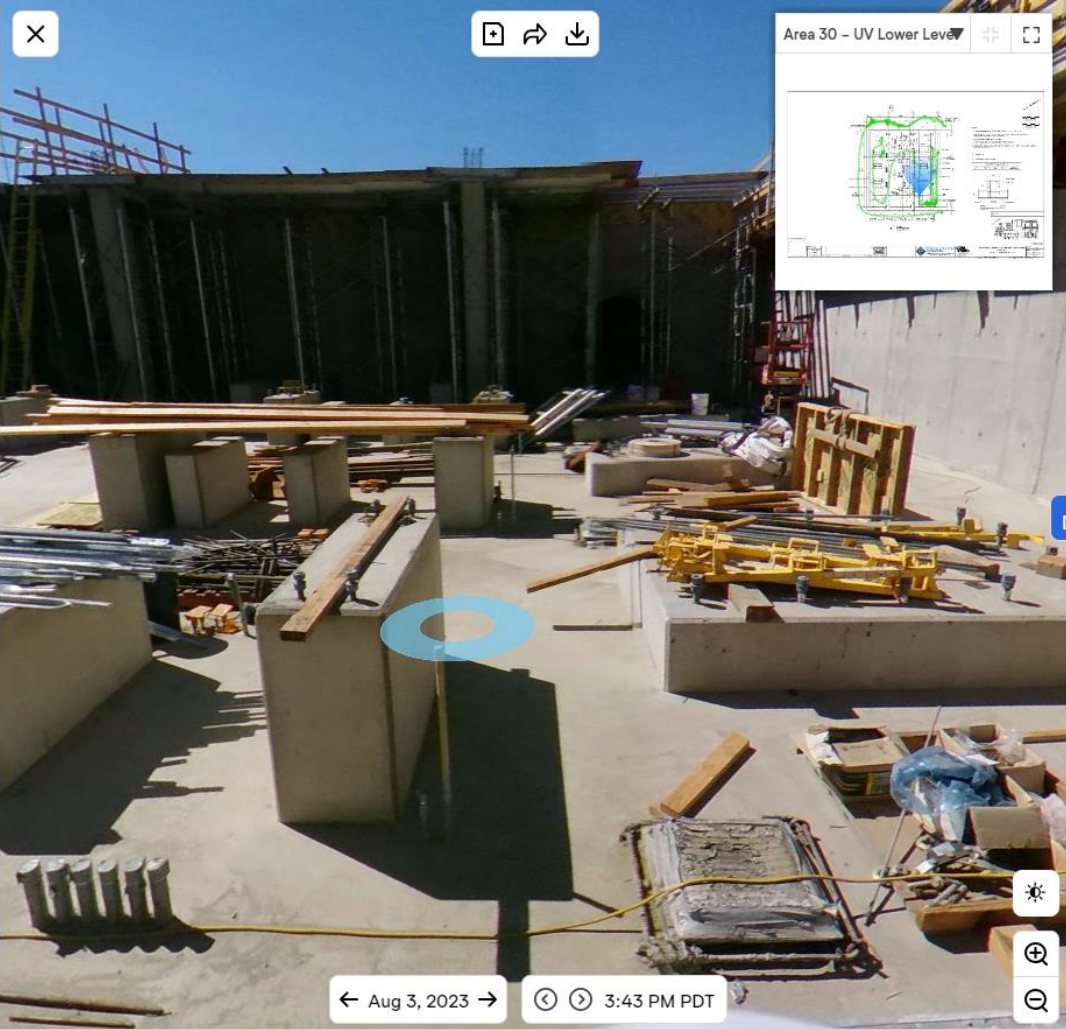# SELECTION PROCESS & ALTERNATIVES

PROBLEM SOLVED
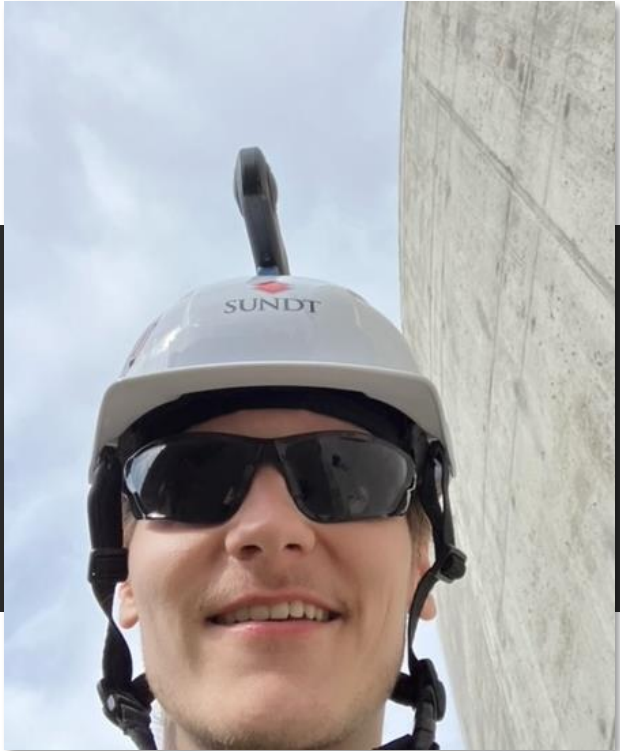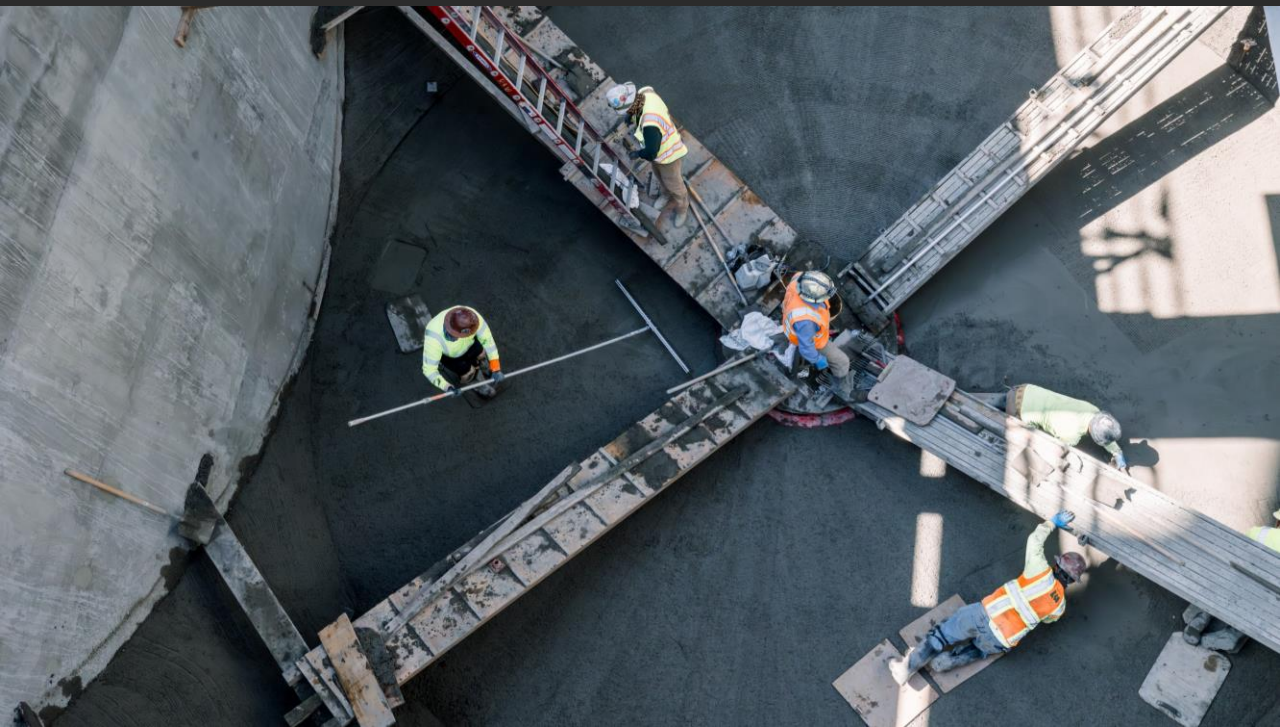
OPENSPACE
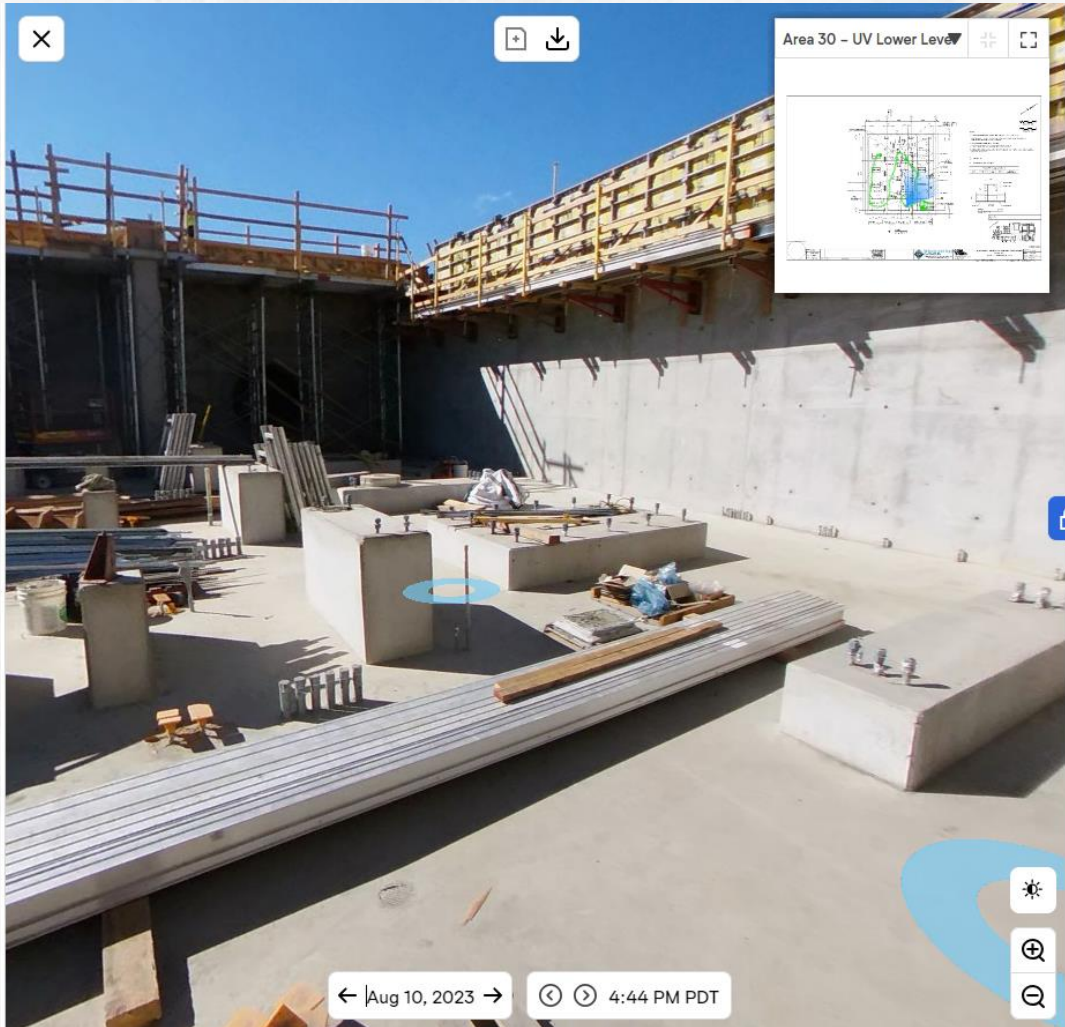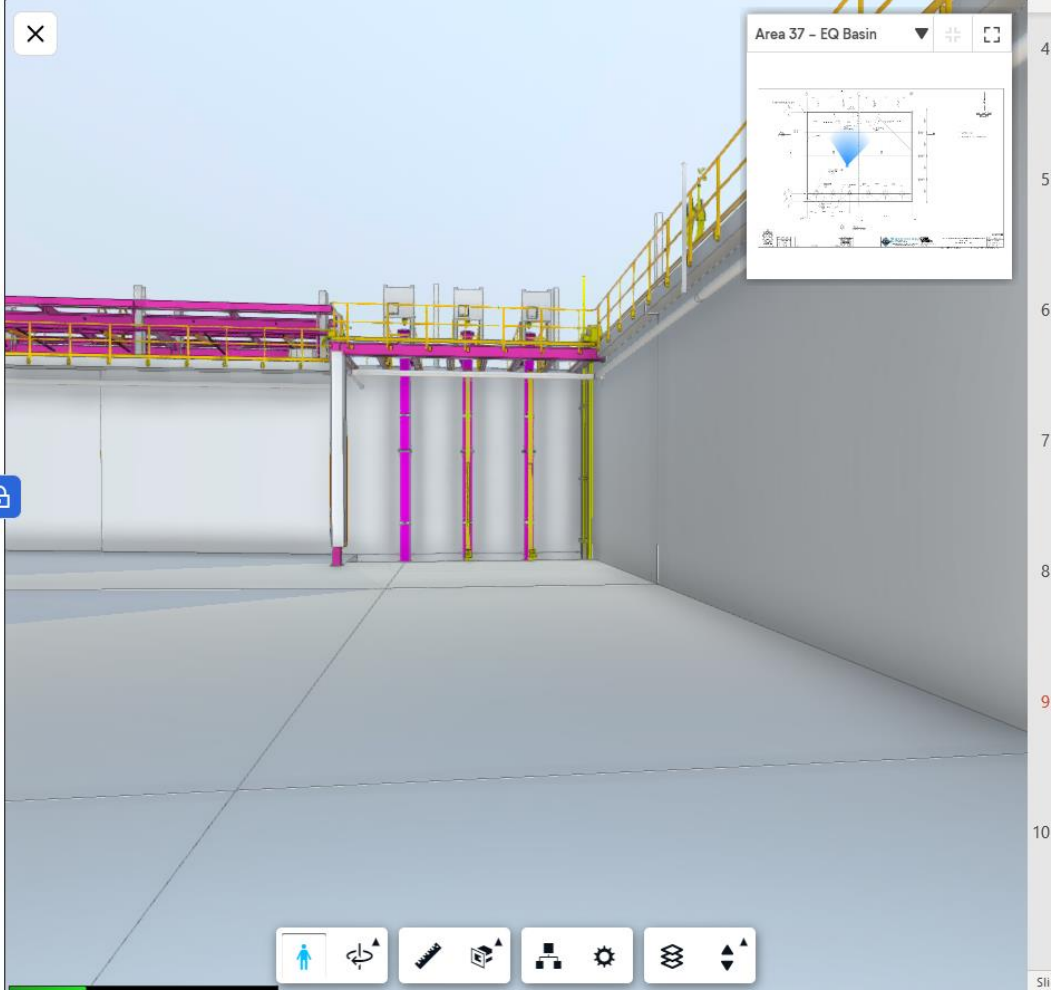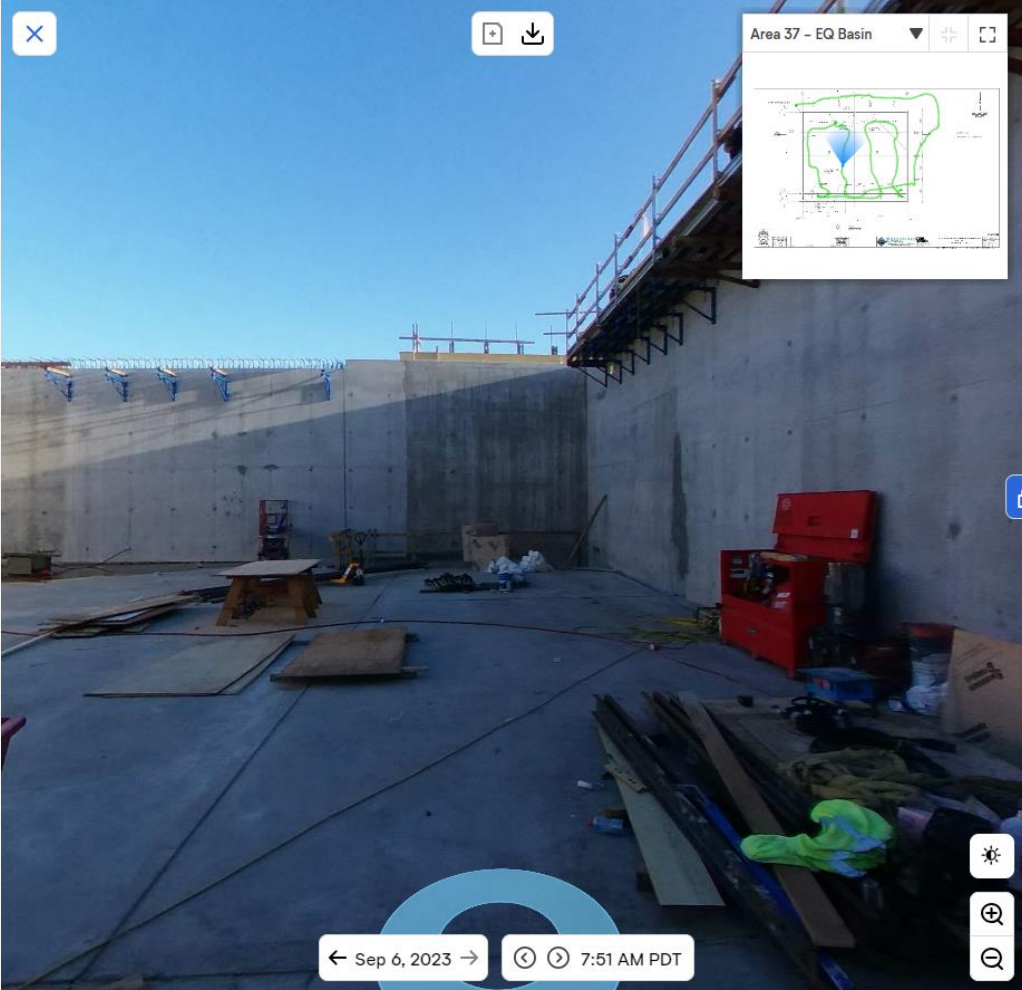
EXAMPLES

EXAMPLES

SELECTION PROCESS & ALTERNATIVES

IMPLEMENTATION

BENEFITS & RECAP

- Easily accessible & maneuverable

- Brings value to project

- Offsite coordination / streamlined communication

- Chance to explore new technology

MAKE OR BUY PROGRAMS

- AIR – Automated Inspection Requests
- Job Badger – Jobsite Security