# **Site Visit Report**

Generated: April 27, 2025

## **Project Details**

Project: 123 Main Street Building - Envelope Assessment

Report Number: SV-2025-001

Subject: Building Envelope Assessment for New Construction

## **Site Observations and Discussions**

# **Construction Site Building Envelope Assessment Report**

## **Site Observations and Analysis**

Weather Conditions: Partly cloudy, 65°F, light winds from the northeast.

#### **Personnel Present**:

\*John Smith (Project Manager)

\*Sarah Johnson (Building Envelope Consultant)

\*Michael Chen (Contractor Representative)

### **Building Envelope Components Review**

Site investigation of the building envelope revealed several observations requiring attention:

1. \*\*Exterior Wall System\*\*: The weather-resistive barrier (WRB) installation is approximately 80% complete on the north and east elevations.

Several areas were identified with improper lapping at window openings.

2. \*\*Window Installations\*\*: The window installation is in progress with approximately 60% of units installed.

The following issues were observed:

\*Inconsistent sealant application at window perimeters

\*Missing end dams on some window sill flashings

# **Site Visit Report**

Generated: April 27, 2025

3. \*\*Roof Membrane\*\*: The roof membrane installation has not yet begun, but materials are staged on site. Proper protection of materials was verified.

### **Material Storage and Handling**

Materials are generally well-protected and stored according to manufacturer recommendations. Noted exceptions include:

\*Several WRB rolls were observed in standing water

\*Metal flashings stored without proper protection from elements

### **Action Items**

### **Recommended Action Items**

#### **Immediate Actions Required:**

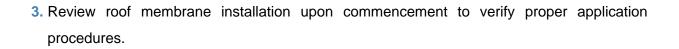
- 1. Reinstall the WRB at all window openings where lapping issues were observed to ensure proper integration with window flashings.
- Install missing end dams on window sill flashings before proceeding with additional window installations.
- Adjust rough opening preparation procedure to ensure consistent gap dimensions between window frames and rough openings.
- Relocate WRB rolls from areas with standing water and review damaged materials for potential replacement.

#### Follow-up Items:

- 1. Schedule additional inspection prior to cladding installation to verify corrections.
- 2. Conduct water testing on a sample of installed windows to verify flashing performance.

# **Site Visit Report**

Generated: April 27, 2025



<ol><li>Document all corrections with photograph</li></ol>	iic evidence f	or project recor	ds.
--	----------------	------------------	-----