

### Christopher Martinez | Associate III



#### EXPERIENCE

Christopher Martinez is experienced in a diverse range of condition assessments and failure investigations. His projects include the investigation and repair of structural materials, such as concrete, light-gauge steel, masonry, structural steel, and wood. Mr. Martinez possesses expertise in assessing roofing and various facade systems, including brick, cementitious parge coats, curtain walls, EIFS, glass fiber-reinforced concrete, precast concrete, skylights, storefronts, stucco, terra cotta, and TPO.

Mr. Martinez is also helping to advance WJE's capabilities related to state-of-the-art technology, including but not limited to artificial intelligence, LiDAR, and photogrammetry. He has professional experience with animation, 3D modeling, basic programming, high-resolution camera and drone photography, point cloud models, and rendering.

#### REPRESENTATIVE PROJECTS

##### EIFS and Stucco

- The Carlisle - San Francisco, CA: Complete exterior facade consulting services and development of waterproofing repairs for an EIFS facade with severely compromised wall framing

##### Facade Assessment

- Leamington - Oakland, CA: Condition assessment and development of facade waterproofing repairs for eleven-story concrete structure (2021 ICRI National Award of Excellence Winner)
- Oyster Point Buildings - South San Francisco, CA: Condition assessment and development of waterproofing repairs for two five-story buildings with precast concrete facades
- Phelan Building - San Francisco, CA: Facade inspection in accordance with San Francisco's Ordinance No. 67-16 using drones, high-resolution camera photography, and industrial rope access; associated terra cotta repairs

#### Failure/Damage Investigations

- Moraga Landslide - Moraga, CA: Crack monitoring and landslide documentation using drones of residential homes and pedestrian walking trail
- Saltponds Condominiums - Key West, FL: Hurricane investigation of windows and sliding glass doors
- Terra Cotta Warehouse - San Jose, CA: Fire damage assessment of concrete tilt-up walls

#### Masonry

- Clift Hotel - San Francisco, CA: Construction consulting and development of waterproofing repairs for sixteen-story brick and terra cotta building

#### Roofing and Waterproofing

- Marin County Civic Center - San Rafael, CA: Construction consulting for historic roofing membrane replacement
- San Francisco International Airport, Harvey Milk Terminal 1 - CA: Design and consulting of below-grade waterproofing and roofing for new addition to Harvey Milk Terminal 1
- Sangamo Therapeutics - Brisbane, CA: Development of below-grade waterproofing repairs and construction consulting for manufacturing practice facility

#### Windows/Curtain Walls/Skylights

- Foundry Square III - San Francisco, CA: Condition assessment of exterior curtain wall systems and water leakage investigation
- San Francisco International Airport, Senator Dianne Feinstein International Terminal - CA: Condition assessment and repair design for general building enclosure, including curtain wall and skylights

#### Wood Structures

- Mill Valley/Sausalito Multiuse Pathway - Mill Valley, CA: Condition assessment of two pedestrian bridges adapted from railroad bridges
- Montrachet Apartments - Napa, CA: Inspection of exterior elevated wood elements per California's Senate Bill No. 721

#### EDUCATION

- California Polytechnic State University, San Luis Obispo
  - Bachelor of Science, Architectural Engineering, 2018
  - Master of Science, Architectural Engineering, 2018

#### PRACTICE AREAS

- EIFS and Stucco
- Facade Assessment
- Failure/Damage Investigations
- Historic Preservation
- Litigation Consulting
- Masonry
- Roofing and Waterproofing
- Windows/Curtain Walls/Skylights
- Wood Structures

#### REGISTRATIONS

- FAA Part 107 Certified Remote Pilot
- National Council of Architectural Registration Boards

#### PROFESSIONAL AFFILIATIONS

- Structural Engineers Association of Northern California

#### CONTACT

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