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**MARK HANNA, H.S.T, C.B.S.T- CURTAINWALL AND EXTERIOR ENCLOSURE PROFESSIONAL**

RESPONSIBILITIES

Project curtain wall assessor responsible for evaluating building enclosures, cladding components, and waterproofing related systems. Roofing system inspections, troubleshooting, condensation study, and Infrared Thermography.

SPECIFIC EXPERTISE

Fenestrations, water, air, and thermal control of the building envelope, new design and existing structures including all cladding and roofing types. Expert witness in window related litigation cases. 25 years' experience in use, design, specification, testing, assessment, and commissioning of high-rise exterior access equipment; permanent and temporary.

RELEVANT EXPERIENCE

2008 - 2018: Property Condition Assessments, LLC; Curtainwall Professional  
2015- pres: Sway Mechanika LLC, Principal  
2007-2015: BEE Consulting LLC; Building Science Director

REPRESENTATIVE PROJECTS – CURTAINWALL AND/OR CLADDING ASSESSMENTS

- 1800 9<sup>TH</sup> Ave (high-rise office)- 16 story stick built curtainwall and precast; Seattle, Washington
- 600 California (high rise office)- 28 story curtainwall and metal panel; San Francisco, California
- Seattle Heights Condominiums (high rise condominium)- 28 story EIFS and punched aluminum windows; Seattle, Washington
- One California Plaza (high rise office)- 42 story unitized curtainwall; Los Angeles, California
- Skyline Tower (high-rise office) – 408,459 SF; 24 stories; Bellevue, Washington
- Bellevue Towers Condominiums (high rise condominiums)- Two (2) 42 story condominium towers, unitized curtainwall; Bellevue, Washington
- Hilton Alexandria (high rise hospitality)- 30 story cast in place and stick built curtainwall; Alexandria, Virginia
- Monadnock Building (historical office)- 10 story brick and terra cotta; San Francisco, California
- Dominion Towers (high rise office)- Two (2) buildings, 30 and 24 stories, stick built curtainwall and precast; Denver, Colorado



## Statement of Qualifications

- Insignia Towers (high rise multi family)- Twin 40 story aluminum window wall; Seattle, Washington
- Bellevue City Center (high rise office)- 30 story unitized curtainwall; Bellevue, Washington
- 733 10<sup>th</sup> St NW (high rise office)- 10 story unitized curtainwall; Washington D.C.

### REPRESENTATIVE PROJECTS – EXTERIOR ACCESS SYSTEM RELATED

- 5<sup>th</sup> and Madison Condominiums (high rise condominium)- 24 story, davit/anchor system recertification; Seattle, Washington
- Market Place Tower (high rise office)- 17 story, designed/installed horizontal lifeline system, davit pedestal testing; Seattle, WA
- Metropole Condominiums (mid-rise condominiums)- 6 story, designed and tested suspension and fall arrest anchor system; Seattle, Washington
- Ballard Lofts (mid rise multifamily)- 7 story, designed and tested suspension and fall arrest anchor system; Seattle, Washington
- One Convention Place (high rise office)- 20 story, annual inspection of monorail and davit systems
- Decatur Condominiums (high rise condominiums)- 12 story, designed and tested suspension and fall arrest anchor system; Seattle, Washington
- Burien Town Center Condominiums (mid rise condominiums)- 7 story, designed and tested suspension and fall arrest anchor system; Burien, Washington
- Bellevue Towers (high rise condominium)- Two (2) 42 story towers, Assessment of existing gantry mounted access and davit system; Bellevue, Washington
- Alexandria Apartments (mid rise multi family)- 7 story, designed and tested suspension and fall arrest anchor system; Seattle, Washington

### REPRESENTATIVE CLIENTS

Beacon Capital Strategic Partners

Brix Condominiums COA

LaSalle Investment Management

CWD Group

Granite Properties

Gallery Condominiums COA

The Carlyle Group



5<sup>th</sup> and Madison Condominiums COA

## Statement of Qualifications

The Johnston Group

Seattle Heights COA

Ballard Lofts, LLC

### EDUCATION

*Health and Safety Technician- Evergreen Safety Council*

*Certified Building Science Thermographer- Woods and Associates*

*WUFI Pro Building Envelope Modelling- Fraunhofer*

*Large Building Air Barrier Testing- Retrotec*

### PROFESSIONAL AFFILIATIONS

*American Society of Mechanical Engineers (ASME)- Associate Member*

*ASME A120 SAFETY REQUIREMENTS FOR POWERED PLATFORMS FOR BUILDING MAINTENANCE, Committee – Interest Review Group*