Miami-Dade County, Florida
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURSCES
BOARD AND CODE ADMINISTRATION DIVISON
PRODUCT CONTROL SECTION
11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

Laboratory Certificate

MIAMI-DADE COUNTY APPROVED

This certifies that Atlas Technical Consultants, LLC located at 534 23rd Ave., Oakland, CA 94606 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS301-94, and is Certified to perform the following tests:

International Accreditation Services, Inc.
Certificate of Accreditation TL-173
International Accreditation Services, Inc.
Certificate of Accreditation AA-639

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Jay A. Dorst, P.E.

This Certification and Registration Approved: **December 9, 2021**
This Certification and Registration Expires : **October 14, 2026**

Certification No. : **21-1117.01** *Renews: 21-0426.01*

Helmy A. Makar, P.E.,M.S.
Product Control Section Supervisor
Product Control Section

Americo Segura, M.S., CGC
Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County Department of Regulatory and Economic Resources reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.

CERTIFICATE OF ACCREDITATION

This is to attest that

ATLAS TECHNICAL CONSULTANTS LLC

534 23RD AVENUE
OAKLAND, CALIFORNIA 94606, U.S.A.

Testing Laboratory TL-173

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories.* This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date November 19, 2019

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ATLAS TECHNICAL CONSULTANTS LLC

Contact Name Jay Dorst **Contact Phone** +1 (510) 436-7626

Accredited to ISO/IEC 17025:2017 *Effective Date November 19, 2019*

CMT	
ASTM C39/39M	Standard test method for compressive strength of cylindrical concrete specimens
ICC ES AC446	Headed cast-in specialty inserts in concrete (test methods referenced in section 4.0)
Physical	
ASTM D2395	Standard test methods for density and specific gravity (relative density) of wood and wood-based materials
ASTM D3039	Standard test method for tensile properties of polymer matrix composite materials
ASTM D4442	Standard test methods for direct moisture content measurement of wood and wood-based materials (method B)
ASTM E18	Standard test methods for Rockwell hardness of metallic materials
ASTM E72	Standard test methods of conducting strength tests of panels for building construction
ASTM E384	Standard test method for microindentation hardness of materials
ASTM E2126	Standard test methods for cyclic (reversed) load test for shear resistance of vertical elements of the lateral force resisting systems for buildings
Structural	
ACI 355.2	Qualification of post-installed mechanical anchors in concrete & commentary
ACI 355.4	Qualification of post-installed adhesive anchors in concrete and commentary
ANSI/AWS D1.1	Structural welding code – steel
ANSI/AWS D1.3	Structural welding code – sheet steel
ANSI/AWS D1.4	Structural welding code – reinforcing steel
ANSI/AWS D1.6	Structural welding code – stainless steel
ANSI/AWS D1.8	Structural welding code – seismic supplement

ASTM A370	Standard test methods and definitions for mechanical testing of steel products (except section 19)
ASTM A416	Standard specification for low-relaxation, seven-wire steel strand for prestressed concrete
ASTM A615/A615M	Standard specification for deformed and plain carbon-steel bars for concrete reinforcement
ASTM A970/A970M	Standard specification for headed steel bars for concrete reinforcement (except section 6.4)
ASTM A1034/A1034M	Standard test methods for testing mechanical splices for steel reinforcing bars
ASTM A1061	Standard Test Methods for Testing Multi-Wire Steel Prestressing Strand
ASTM D1761	Standard test methods for mechanical fasteners in wood
ASTM D7147	Standard specification for testing and establishing allowable loads of joist hangers
ASTM E488/E488M	Standard test methods for strength of anchors in concrete elements
ASTM E1190	Standard test methods for strength of power-actuated fasteners installed in structural members
ASTM E1512	Standard test methods for testing bond performance of bonded anchors
ASTM F606	Standard test methods for determining the mechanical properties of externally and internally threaded fasteners, washers, direct tension indicators, and rivets
California Test 670	Method of tests for mechanical and welded reinforcing steel splices
ETAG 001	Design of metal anchors for use in concrete under seismic actions
FM 1950	Seismic sway braces for pipe, tubing and conduit
ICC ES AC01	Expansion anchors in masonry elements (test methods referenced in section 5.0, except section 5.7)
ICC ES AC04	Sandwich Panels
ICC ES AC13	Joist hangers and similar devices (test methods referenced in section 3.2)
ICC ES AC58	Adhesive anchors in masonry elements (test methods referenced in section 4.0)
ICC ES AC60	Anchors in unreinforced masonry elements (test methods referenced in sections 3.0 and 4.0)
ICC ES AC70	Power-actuated fasteners driven into concrete, steel and masonry elements (test methods referenced in section 4.0)
ICC ES AC106	Predrilled fasteners (screw anchors) in masonry (test methods referenced in section 4.0, except section 4.7)
ICC ES AC116	Nails (test methods referenced in sections 4.0 and 5.0)

ICC ES AC118	Tapping screw fasteners (test methods referenced in section 4.0)
ICC ES AC120	Wood-frame horizontal diaphragms, vertical shear walls and braced walls with alternative fasteners (test methods referenced in sections 4.0 and 5.0)
ICC ES AC130	Prefabricated wood shear panels (test methods referenced in sections 4.0 and 5.0)
ICC ES AC155	Hold-downs (tie-downs) attached to wood members (test methods referenced in section 4.0)
ICC ES AC193	Mechanical anchors in concrete elements (test methods referenced in section 4.0, tables 4.1, 4.2 and 4.3, except method B embrittlement tests)
ICC ES AC232	Anchor channels in concrete elements (test methods referenced in sections 3.0 and 4.0, except sections 3.1 and 3.4)
ICC ES AC283	Metal hinge plate connectors for wood trusses (test methods referenced in section 3.0)
ICC ES AC308	Post-installed adhesive anchors in concrete elements (test methods referenced in section 4.0 and tables 3.1 to 3.8)
ICC ES AC316	Shrinkage compensating devices (test methods referenced in sections 3.0 and 4.0)
ICC ES AC395	Headed shear stud reinforcement assemblies for concrete slabs or footings (test methods referenced in sections 3.0 and 4.0)
ICC ES AC398	Cast-in-place cold-formed steel connectors in concrete for light-frame construction (test methods referenced in sections 3.0 and 4.0)
ICC ES AC399	Cast-in-place proprietary bolts in concrete for light-frame construction (test methods referenced in sections 3.0 and 4.0)
ICC ES AC500	Acceptance Criteria for Self-Drilling Tapping Screws used to Attach Miscellaneous Building Materials to Steel Base Material

ACI: American Concrete Institute

ETAG: European Technical Approval Guidelines

FM: Factory Mutual

CERTIFICATE OF ACCREDITATION

This is to attest that

ATLAS TECHNICAL CONSULTANTS LLC

534 23RD AVENUE
OAKLAND, CALIFORNIA 94606, U.S.A.

Inspection Agency AA-639 (Type A)

has met the requirements of AC98, *IAS Accreditation Criteria for Inspection Agencies*, and has demonstrated compliance with ISO/IEC Standard 17020:2012, *Conformity assessment - Requirements for the operation of various types of bodies performing inspection*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date June 17, 2020

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ATLAS TECHNICAL CONSULTANTS LLC

Contact Name Jay Dorst **Contact Phone** +1 510 436 7626

Accredited to ISO/IEC 17020:2012 *Effective Date June 17, 2020*

Field and Range of Inspection	Regulations, Inspection Methods, Standards and/or Specifications
Expansion Anchors, Mechanical Anchors, Adhesive Anchors, Pre-drilled Fasteners (Screw Anchors), Cast-in-Place Inserts, Cast-in-Place Bolts, Cast-in-Place Cold-formed Steel Connectors, Anchor Channels, Headed Shear Stud Assemblies, Power-Actuated Fasteners, Tapping Screw Fasteners, Externally Bonded Fiber-reinforced Polymer (FRP) Composite Systems, Joist Hangers, Wood-frame Diaphragms & Walls Alternative Fasteners, Prefabricated Wood Shear Panels, Hold Downs (Tie-downs) Attached to Wood Members, Alternate Dowel-type Threaded Fasteners, Shrinkage Compensating Devices	CEL Inspection Procedures IP01 Inspection Procedure for CEL Personnel & IP02 Inspection Procedure for Consultants
Manufacturing in Fields Specified Above	ICC-ES Acceptance Criteria AC304