



# OFF-SITE CONSTRUCTION SOLUTIONS FOR TODAY'S CHALLENGES

The building industry is facing multiple challenges, including those identified below. The expanded use of off-site construction (often called modular or prefabrication) is one approach to address these challenges.



QUALITY



WORKFORCE



SUSTAINABILITY



SPEED TO MARKET



AFFORDABILITY



JOBSITE SAFETY

*The International Code Council's Family of Companies offers multiple solutions to support the safe and efficient use of off-site construction.*

## Design, Fabrication, Construction and Assembly

**ICC/MBI STANDARD 1200:** Standard for Off-Site Construction: Planning, Design, Fabrication and Assembly (in development)

**ICC G5-2019 Guideline** for the Safe Use of ISO Intermodal Shipping Containers Repurposed as Buildings and Building Components

### DESIGN

NTA Structural Design Services

### FABRICATION

IAS Accreditation for Manufactures/Fabricators

- AC472: Accreditation of Fabricator Inspection Program for Metal Building Systems
- AC157: Accreditation Criteria for Inspection Programs for Prestressed/Precast Concrete Panels
- AC172: Accreditation Criteria for Inspection Programs for Structural Steel

ICC-ES Product Evaluations

- AC04: Sandwich Panels
- AC340: Patio Covers
- AC509: 3D Automated Construction Technology for 3D Concrete Walls
- AC462: Shipping Containers
- AC14: Pre-Fab Wood I-Joists

### CONSTRUCTION & ASSEMBLY

IAS Accreditation of Assemblers

- AC478: Accreditation Criteria for Inspection Practices of Metal Building Assemblers

## Permitting, Plan Review and Inspection

**ICC/MBI STANDARD 1205:** Standard for Off-Site Construction: Inspection and Regulatory Compliance (in development)

### PLAN REVIEW & PERMITTING

IAS Accreditation Under AC251

- Accreditation Criteria for Regulatory Agencies and Third Parties Providing Building and/or Property Code Enforcement Services

NTA Third-Party Plan Review Services

ICC Training & Certifications

### INSPECTION

IAS Accreditations

- AC98: Inspection Agency Accreditation
- AC291: Special Inspection Agency Accreditation

ICC Training & Certifications

NTA Third-Party Inspection Services

NTA Product Testing

ICC-ES Product Evaluations

