

Accessibility Consulting Services



CODES AND STANDARDS

JENSEN HUGHES has expertise with the application of numerous accessibility laws, codes, and standards including:

International Building Code (IBC)

National Building Code (NBC)

Provincial Building Codes (e.g. OBC, MBC, ABC, BCBC)

Provincial Accessibility Act (e.g. Accessibility for Ontarians with Disabilities Act (AODA), Saskatchewan Human Rights Physical Accessibility Standards Guidelines)

Municipal, Provincial, and National Accessibility Standards and Guidelines (e.g. CAN / CSA B651-12 Accessible Built Environment Standard, Toronto Accessibility Design Guidelines, Calgary Access Design Standards, etc.)

Americans with Disabilities Act (ADA)

ICC / ANSI A117.1 Accessible and Useable Buildings and Facilities



JENSEN HUGHES

Advancing the Science of Safety

JENSEN HUGHES is a global leader in specialty engineering and consulting services with over 1,200 engineers, scientists, and consultants offering extensive expertise across a wide range of technical and scientific disciplines. The experts at JENSEN HUGHES understand the intent behind designing a safe environment for all individuals, while ensuring even the most complex of designs are capable of facilitating function, wayfinding, and inclusivity for all of its potential users.

Providing Solutions For Barrier-Free Accessibility

JENSEN HUGHES provides Accessibility Consulting services to the design industry including design teams, manufacturers, contractors, property owners, and facility managers. Our specialists are proficient in the application of barrier-free and accessibility principles for the assessment of universal design.

In addition to conducting accessibility analyses of all design concepts, existing or new, basic or complex, we deliver solutions and recommendations that demonstrate compliance with an array of Accessibility Codes, Standards, and Legislations across Canada.

Complying with all applicable standards for a project is the shared responsibility of the design team, developer, contractor, and property owner. Where a design does not comply with the literal application of the Code, we help mediate and correspond with the Authority Having Jurisdiction to develop acceptable alternative solutions or variances.

Our experienced code consulting and accessibility team reviews projects from a plan perspective, conducts accessibility studies through field investigation, establishes a project's current level of accessibility, and provides recommendations on barrier removal. Our consultants are available to provide overall guidance from the preliminary concept phase up to construction development and/or occupancy phase.

JENSEN HUGHES supports clients by providing the following services:

- Assessing the new or existing conditions of a building / design against the applicable accessibility criteria
- Completing basic to high level accessibility audits (small or complex) for building facilities ranging in all occupancies (A1, A2, A3, A4, B1, B2, B3, C, D, E, or F1, F2, and F3)
- Developing Accessibility Plans to assist in barrier removal and prioritizing barriers from low to high severity
- Recommendations and Cost Estimating
- Development or review and analysis of Project Specific Output Specifications (PSOS)
- Cross-referencing of multiple Codes and Standards
- Third-Party Inspections of renovations or new builds





ADDITIONAL SERVICES

- Concept and Design Compliance Reviews
- Barrier-Free Building Audits and Assessments
- Design Standard Development
- Company Accessibility Policy / Plan Development and Assessment
- Wayfinding and Signage Compliance
- Evacuation Procedures and Plans for Persons with Disabilities
- Alternative Solutions
- Educational Seminars
- Injury / Risk Assessment (Injury Biomechanics)
- Select Ergonomics Analyses
- Mental Health and Bariatric Design Review
- Accessible Art Gallery Design Review

Evacuations for Persons with Disabilities

Accessibility plays an intricate role in the safety of individuals evacuating a building. JENSEN HUGHES assists with enhancing Fire and Life Safety Plans with the necessary evacuation procedures for individuals who may need assistance in the event of an emergency. This is critical for buildings designed to serve the aging population, or those that provide care and treatment. We aid in eliminating any potential concerns during an evacuation by determining the disability population of a building, and what their specific needs would be in an emergency scenario.

Project Experience

Mosaic Stadium (Regina Initiative) — Regina, Saskatchewan

Client: HKS Architects

Providence Care Hospital — Kingston, Ontario

Client: HOK Inc.

Toronto-Dominion Centre — Toronto, Ontario

Client: The Cadillac Fairview Corporation Limited

Mississauga Transit — Mississauga, Ontario

Client: Mei Associates Inc. and City of Mississauga

Bell Accessibility Policy — Ontario

Client: Bell

Barrie Courthouse — Barrie, Ontario

Client: Mei Associates Inc.

Denver International Airport — Denver, CO

Client: Denver International Airport

Federal City Shelter — Washington, DC

Client: RTKL

Boston Children's Hospital — Boston, MA

Client: Boston Children's Hospital

Princess Ka'iulani Hotel — Honolulu, HI

Client: Handel Architects, LLP

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