

# Stepping Thru Accessibility – Seminar Series

## Bio

Janis Kent, FAIA, CASp is principal of [Stepping Thru Accessibility](#) and the Founding President of the Certified Access Specialist Institute (CASI), serving those involved with access, whether private practice or public sector. She has given presentations on Accessibility at numerous venues from Dwell On Design in Los Angeles, to Design DC in Washington, at the National ADA Symposium in Texas, and the National AIA Conventions in New York City, Atlanta, Philadelphia, Chicago, New Orleans, Orlando, and Las Vegas. Her most-recent book, published by Wiley – [‘ADA in Details – Interpreting the 2010 ADA Standards for Accessible Design’](#) came out in 2017. Her previous book, ‘STEPPING THRU ACCESSIBLE DETAILS’, is described by the Secretary of the San Francisco Access Appeals Commission as, *“The most comprehensive and thorough compilation of accessibility information I have encountered.”*

Ms. Kent is designated a Subject Matter Expert (SME) by the California Division of the State Architect, a Certified Access Specialist, and serves on the committee to develop the California state CASp exams. She has conducted seminars for the Nevada State Board of Architecture, Interior, and Residential Design and has presented to business associations including AIA Chapters, California Hotel & Lodging Association (CHLA), US Institute for Theatre Technology (USITT), Manufactured Housing Educational Trust (MHET), California Public Parking Association (CPPA), the Southern California Association of Non-Profit Housing (SCANPH), the University of California - Construction Services, the California State University - Capital Planning Design and Construction, Construction Specifications Institute (CSI-LA), for the ICC Orange Empire Chapter, CSI National Convention – Construct, and the California Division of the State Architect (DSA).

Ms. Kent is a licensed California Architect, and has been involved in the specialized field of Accessibility since the mid-1980’s. Aside from training, building review, and drawing review, she also serves as an expert witness. She has managed a wide range of architectural projects, surveyed numerous facilities for accessibility compliance, and provided quality control and property assessments on access throughout the country and abroad.

## Company

Founded in 2009 and based in Long Beach, CA, Stepping Thru Accessibility (STA) consults with Architects, Building Owners, Developers, Property Managers, Public Agencies, Attorneys and Tenants, assisting them to navigate their way thru accessibility issues with both the Americans with Disabilities Act Standards (ADAS) and the California Building Codes (CBC). The complexity of these laws creates a greater need for interpretation and understanding, as well as information on Accessibility throughout the built environment.

Our strengths:

- Research, analysis, and review of questions with letters of opinion on Access issues
- Navigating the intricacies of California Building Codes and Federal Access regulations
- STA surveys new and existing facilities, and provides detailed reports of items in non-compliance with today’s accessibility standards for the built environment
- Review and evaluation of construction drawings for new buildings and alterations to verify if accessibility requirements are adequately addressed
- Topical seminars for architects, facilities and property managers, interior designers, landscape, civil engineers, & others involved in the built environment
- Property Assessment Reports based on the ADA or California Building Codes to support due diligence in overall property analysis

## *Stepping Thru*

### **Circulation Paths, Accessible Routes, & Path of Travel**

#### **DESCRIPTION**

*Accessible Routes, Circulation Paths, & Path of Travel* in both new and existing projects are essential aspects of Accessible design – if you can not even get to an area, no matter how accessible that portion is, it will still not be accessible. Overview routes from the public right of way, to site amenities, to the entry, and thru the building including egress and existing building requirements.

#### **SUMMARY**

Moving thru a facility has different requirements depending on new vs existing or public vs common space – we will review the differences between and requirements for *Circulation Paths, Accessible Routes, and Path of Travel* from the public way, thru the site, to the entry, thru the building, and to the exits

#### **LEARNING OBJECTIVES**

- Understand the differences between *Circulation Paths, Accessible Routes, and Path of Travel*
- Review the scoping and technical requirements for each on both the exterior and interior
- Learn about the connectivity of elements, entries, floors, and exits and what is required
- Overview *Path of Travel* requirements for existing projects and alterations

*typically 5 hours for the full seminar*

## *Stepping Thru*

### **Doors, Gates, & Signs, AND What Makes Them Accessible**

#### **DESCRIPTION**

Just about every facility has a door or gate that can either welcome us into a building or act as a hindrance. We will review door and gate requirements from clearances and specifications to operating hardware, including powered opening devices. The requirements vary depending upon the type of entry and whether it is swinging, sliding, pocket, or just an opening. There are power-assist, low energy, and automatic doors and gates which have further requirements over and above manual doors. As always, the approach has impact on spatial parameters. We will additionally review permanent room signs which are associated with doors and also have impact on spatial requirements.

#### **SUMMARY**

Just about every facility has a door that can either welcome us into a building or act as a hindrance — we will review door, gate, and opening requirements from clearances and specifications to operating hardware, including powered opening devices and permanent room signage

#### **LEARNING OBJECTIVES**

- Understand different door types including specialty doors and their parameters
- Review requirements for door clearances dependent upon approach
- Learn about door hardware and components along with their technical requirements
- Overview permanent room sign components and their installation requirements

*typically 5 hours for the full seminar, or 3 hours (no signs)*

## *Stepping Thru*

### **The Existing Building – Access Within & Without**

#### **DESCRIPTION**

The nature of our practice has changed with a higher proportion of renovation and re-use. Under the ADA Standards there are differing requirements for new construction versus alteration. Since these are federal laws local public agencies can only offer limited direction. We will review criteria for existing facilities in regards to scoping to acquire a better understanding of the implications of the law and how it applies, as well as cover a range of concepts such as Title II vs Title III entities, *Program Accessibility vs Barrier Removal*, *Proportional Spending*, *Safe Harbor*, and *Path of Travel* obligations.

#### **SUMMARY**

An in-depth look for implementing ADAS on existing projects whether or not construction is actually scheduled – including alteration requirements for public facilities and places of public accommodation from *Program Accessibility to Barrier Removal*

#### **LEARNING OBJECTIVES**

- Understand differences between *Public Facilities* and *Places of Public Accommodation*
- Review the distinctions between *Program Accessibility vs Barrier Removal* and their impact
- Learn about *Proportional Spending* and *Disproportionality* with its application to *Path of Travel* requirements
- Overview *Safe Harbor* and when it can or can not be applied to existing elements

*typically 5 hours for the full seminar, 4 hours without the California overlay, or 2½ hours for just scoping*

## *Stepping Thru*

### **Hotels, Motels, Inns, & Restaurants AND Access**

#### **DESCRIPTION**

An in-depth look of elements found in hotels, motels, inns, and restaurants along with their scoping and technical requirements. These are one of the more involved building types. Not only do guest rooms have a myriad of parameters but there are many diverse elements, each with their own set of requirements found within one facility. It is not unusual to find retail and restaurants, pools and fitness rooms, business and banquet facilities, not to mention valet service and hotel shuttles for even more complexity. We will also review student housing at a place of education which is considered transient lodging but with some additional requirements.

#### **SUMMARY**

Transient lodging comes in many forms, some of which are covered under Access requirements and some not – we will review various elements found in hotels, motels, inns, and restaurants along with their scoping and technical requirements

#### **LEARNING OBJECTIVES**

- Understand technical and scoping parameters for guest rooms with communication and mobility features, and non-mobility rooms
- Review requirements for pools, spas, and fitness centers
- Learn about retail, restaurant, and other elements often-times found in transient lodging
- Overview student housing at a place of education and how it overlaps transient lodging

*typically 5 hours for the full seminar - this seminar can also be increased in time to incorporate more elements and can easily be customized for just specific elements*

## ***Stepping Thru*** **Interior Elements & Access**

### **DESCRIPTION**

Once you step thru the door into the building you encounter different elements, each with its own parameters, and all connected by a *circulation path*. There are requirements not only for the item itself but also how it relates to the facility as a whole. Whether furniture or cabinetry, drinking fountains or sinks, machines or telephones, desk/table or counter seating, all are overlaid with their own requirements relating to reach ranges, clear floor space, and operating force. We will review a number of these elements regarding their technical and scoping requirements to better increase our language and understanding for accessible design.

### **SUMMARY**

Different interior elements typically encountered once you step thru the door can either create or interfere with an accessible environment – we will examine a number of these items along with their requirements

### **LEARNING OBJECTIVES**

- Understand the scoping and technical requirements for various interior components including seating, counters, kitchenettes, & controls
- Review reach range and clear floor space requirements and their relationship to the accessible route
- Learn about the requirements for adjacency and dispersion within a space or a building
- Overview lighting parameters in interior environments, and their impact on health and aging

*typically 5 hours for the full seminar*

## ***Stepping Thru*** **Parking, Passenger Loading, EVCS, & Their Connection to the Site**

### **DESCRIPTION**

In this day and age we are not only pedestrians but we are also closely tied to vehicular transportation – and of course there are a myriad of requirements for this as well, starting from the point where we transition from passengers to pedestrians. Whether it is for parking, passenger drop-off, valet service, or transportation such as taxis, buses, or shuttles, there are differing requirements for space and slopes, all of which are required to connect with an accessible route. There are also new requirements for Electric Vehicle Charging Stations (EVCS) per the California Building Code. We will review requirements for each of these types of vehicular to pedestrian transitions.

### **SUMMARY**

Vehicular transportation comes in many forms whether parking, passenger drop-offs, valet service, EVCS, or transportation such as taxis, buses, or shuttles – we will review the myriad of requirements starting from the point where we are transitioning from passengers to pedestrians

### **LEARNING OBJECTIVES**

- Understand scoping for parking, passenger drop-off, valet, and boarding & alighting
- Review the technical parameters for the car, and passenger to pedestrian interface
- Learn about the requirements for specified and unspecified transportation
- Overview the new developments for electrical vehicle charging stations

*typically 5 hours for the full seminar*

## *Stepping Thru*

### **Public Multi-Family Residential Facilities AND Access**

#### **DESCRIPTION**

An in-depth look at the differing regulations and code requirements for publicly supported multi-family residential facilities. We will look at the various components found within dwelling units and social service center establishment sleeping accommodations, including kitchens and bathrooms. Multi-family residential is one of the more complex building types. Depending on when the facility was initially built and the type of funding, you can have a number of different regulations for one project such as the ADA Standards, the FHA, UFAS, and California Building Codes both 11A and 11B. We will also touch upon alterations and transition plans and how this impacts multi-family housing projects.

#### **SUMMARY**

Public multi-family residential facilities are quite complex with the differing regulations – we will explore which regulations apply along with requirements for kitchens, bathrooms, and social service center establishments

#### **LEARNING OBJECTIVES**

- Understand what is considered public multi-family residential and which regulations apply
- Review alteration and new construction requirements for dwelling units
- Learn about specific requirements for kitchens and bathrooms within dwelling units and in common spaces
- Overview California senior housing and social service center establishment sleeping accommodation requirements

*typically 5 hours for the full seminar*

## *Stepping Thru*

### **Toilet & Bathing Facilities – What Makes Them Accessible**

#### **DESCRIPTION**

Although toilet and bathing facilities have been around forever and the new ADA Standards for over a half dozen years, we still have facilities that are not completely compliant. The major question is, why? Each component within a toilet or bathing room has a myriad of requirements needing to fit together like a puzzle. We will take an in-depth look at the technical and scoping requirements for Access and how it impacts toilet and bathing facility design, whether single-user, multi-user, or multiple single user, including requirements for each of the individual components.

#### **SUMMARY**

Most buildings have toilet and/or bathing facilities which are some of the more complex items in Access – we will take an in-depth look at technical and scoping requirements and its impact on toilet and bathing facility design, whether single-user, multi-user, or multiple single user including the requirements for each of the individual components

#### **LEARNING OBJECTIVES**

- Understand overall scoping and spatial parameters for toilet and bathing facility
- Review differences between between single and multi-user facilities
- Learn technical requirements for the various elements typically found within a toilet or bathing room
- Overview critical design factors for compliant design

*typically 5 hours for the full seminar, 4 hours for abbreviated eliminating showers & bath tubs*

## ***Stepping Thru*** **Vertical Heights**

### **DESCRIPTION**

For someone who has a disability or is elderly, ascending or descending across levels is a key mobility challenge. We often address this by providing an element such as a ramp or elevator that takes people from one level to another but often these features alone do not solve the problem. We will look at options such as sloped walkways, curb ramps, pedestrian ramps, elevators, and lifts. We will also examine the parameters and requirements for each of these elements, as well as how to design and situate them for optimum access.

### **SUMMARY**

Since the world is not flat, most buildings and facilities have some height change which can provide a challenge for Access — we will review the different methods of Access and the parameters for each

### **LEARNING OBJECTIVES**

- Understand parameters for level surface and zero curb or blended transitions
- Review the scoping requirements for vertical access in terms of dispersion and location
- Learn the technical requirements for each method of vertical access
- Overview when vertical access is not required and what needs to be provided instead

*typically 5 hours for the full seminar, 4 hours (eliminating elevators & lifts)*

## STEPPING THRU – VIGNETTE SERIES

### Accessible Businesses – What Needs to be Done

#### DESCRIPTION

Have you heard people say that ‘they do not need to worry about Access’ - that they are 'grandfathered in'? This is a common misconception. For older facilities, even if no construction is being done, there is an obligation to implement *Barrier Removal* that is *Readily Achievable*. No such thing as 'grandfathering'! Newer facilities that did not comply with the original ADA are now required to comply with the 2010 ADA Standards. We will discuss common areas of non-compliance and issues of ongoing facility management thru photographs of complying and non-complying elements.

#### SUMMARY

A photographic overview for existing spaces of *readily achievable barrier removal* – understand what needs to be implemented even if no construction is being done

#### LEARNING OBJECTIVES

- Understand obligations of *Barrier Removal* and just what it means for older buildings
- Review what makes *Barrier Removal* readily achievable and how to plan on an on-going basis
- Learn about common items of non-compliance in places of businesses
- Overview examples of easy solutions for typical situations and available government incentives

*typically 2 hours for the full seminar or 1½ hours for the condensed version*

## STEPPING THRU – VIGNETTE SERIES

### Electric Vehicle Charging Stations & Access

#### DESCRIPTION

As Electric Vehicles become more prevalent, the question arises of what to do for Access and even whether or not they are required to be accessible. Although not specifically mentioned in the ADA Standards, the prevailing requirement in the implementing regulations requires a measure of access for all. So if an element is available to the able-bodied population, then it should also be available for those with a disability. Since there are no ADA scoping and technical requirements what do you do? California has developed new requirements implemented January 1, 2017 which is what we will look at.

#### SUMMARY

As Electric Vehicles become more prevalent, the question comes up of what to do to make them accessible and even whether or not they are required to be accessible – we will review the new California requirements

#### LEARNING OBJECTIVES

- Understand the California requirements for new and existing EVCS
- Review signage requirements for charging stations
- Learn the new scoping and technical requirements in California
- Overview how new charging stations integrate with existing

*typically 2 hours for the full seminar*

## **STEPPING THRU – VIGNETTE SERIES**

### **Accessible Environments As We Age**

#### **DESCRIPTION**

The silver tsunami is here! Now that the baby boomer generation is aging, we need to consider how this impacts our built environment – an overview of design considerations and lighting which can easily be addressed now to not only allow us to age in place later but also to have others visit us whether they have issues concerning accessibility or aging, whether just slowing down, or have a more vigorous disability. This seminar addresses more than just the minimum standards of technical accessible design, but rather good design practices and implementation overall. We will discuss common areas of concern and issues of aging and our built environment thru photographs of both good and more challenging examples of typical elements.

#### **SUMMARY**

An overview of design considerations which can easily be addressed now to not only allow us to age in place later but also have others visit us whether they have issues concerning accessibility or aging

#### **LEARNING OBJECTIVES**

- Understand how different types of disabilities and aging impact our navigation of the built environment
- Recognize the impact of lighting and color and how it affects us and our health
- Learn about different items that can easily be implemented now for aging in place later
- Distinguish and identify those elements and hazards to avoid that can be more of a challenge as we age

*typically 3 hours for the full seminar, 2½, 2 hrs (abbreviated), or 1½ (no color)*

## **STEPPING THRU – VIGNETTE SERIES**

### **Accessibility — A Photographic Look at Recurrent Non-Complying Elements**

#### **DESCRIPTION**

ADA and other accessibility regulations have been around for well over 25 years, yet we still see items of non-compliance even in new construction. Is this due to a lack of knowledge, or incomplete drawings and specifications, or sloppy construction, or is it that the topic has become so complex that it is difficult to synthesize all of the relevant information? And many of the items are indeed extremely technical yet the solutions need to be incorporated at the early non-technical design stages. This presentation will look at many common items in non-compliance often found in new construction and alterations. Learn thru a visual synthesis of photos with pertinent regulation call-outs of numerous existing installations. We will discuss what went wrong, was missing, or misunderstood, in order to recognize Access issues to be on the look-out for and how to better incorporate pertinent information into construction documents and specifications.

#### **SUMMARY**

Be on the look out for many common items in non-compliance often found in new construction and alterations and become aware of items needing special attention from design thru construction – a visual synthesis of photos with pertinent regulation call-outs for numerous installations

#### **LEARNING OBJECTIVES**

- Identify typical non-complying items before they get built
- Recognize items to be addressed early for compliant Access later
- Distinguish those elements requiring more attention during design and construction for compliant installation
- Discuss what is required for successful Access implementation

*typically 3 hours for the full seminar, 2½, 2 or, 1½ (condensed); AND NOW AVAILABLE AS AN ON-DEMAND WEBINAR*



## **STEPPING THRU – VIGNETTE SERIES**

### **Signage AND What Makes It Accessible**

#### **DESCRIPTION**

One of the more important elements for navigating thru our built environment is signage, whether interior or exterior. It often appears to be an entirely different language separate from architecture and many times is relegated to a corner or an after-thought. But signage is something that affects all of us. With this in-depth look at sign types and their component elements, we will be better able to integrate signage into our language of architecture.

#### **SUMMARY**

One of the more important elements of navigating thru the built environment is signage — with this in-depth look at sign types and components, we will be better able to integrate signage into our language of architecture

#### **LEARNING OBJECTIVES**

- Understand signage in general and various installation requirements
- Review the different sign types and what elements each is comprised of
- Learn the various sign component pieces and their technical requirements
- Overview methods to incorporate signage specifications into construction document sets

*typically 2½ hours for the full seminar or 2 hours for the condensed version*

## **STEPPING THRU – VIGNETTE SERIES**

### **Signage – When Do I Use What**

#### **DESCRIPTION**

One of the more important elements of navigating thru our built environment is signage, whether interior or exterior. Signs should have a purpose – to Describe, to Identify, and to Direct. We will explore the different types in a scoping sense, and where they are located in order to better understand and integrate signage into our language of architecture.

#### **SUMMARY**

One of the more important elements of navigating thru the built environment is signage and when to use what and where. We will look at signs in a scoping sense to understand their purpose to Describe, to Identify, and to Direct.

#### **LEARNING OBJECTIVES**

- Understand signage in terms of scoping for Access and how to avoid signage graffiti
- Review the different sign types and what is required to be communicated by each
- Learn about where different sign types are to be used and located
- Overview the elements each sign type is comprised of

*typically 2 hours for the full seminar; AND NOW AVAILABLE AS AN ON-DEMAND WEBINAR*

## **STEPPING THRU – VIGNETTE SERIES**

### **Exceptions & Nuances in the ADA Standards & CBC**

#### **DESCRIPTION**

Thru photographs, we will review areas of the ADA Standards and CBC that are small footnotes or exceptions in the regulations. We will also review the specific regulation exceptions that are applicable that can have a large impact on a project whether it is new or existing construction. We will also have a quick look at items that are not specifically delineated and what you do with them.

#### **SUMMARY**

Thru photographs, we will review areas of the ADA Standards and CBC that are small footnotes or exceptions, which can have a large impact on a project whether new or existing, as well as a quick look at items that are not delineated and what you do with them.

#### **LEARNING OBJECTIVES**

- Identify typical exceptions and nuances within the regulations and how they can be applied
- Recognize the impact these can have on a project whether new or existing
- Understand what to do with items that are not specifically delineated
- Look for installation solutions rather than technical interpretations

*typically 1½ hours for the full seminar*

## **Stepping Thru – Vignette Series**

### **Bathtubs, Showers, & Access**

#### **DESCRIPTION**

Bathing facilities are one of the more complex elements in Access – we will take an in-depth look at both technical and scoping requirements for bathtubs and showers, along with their grab bars, seats, and accessories, including the requirements for each of these component elements.

#### **SUMMARY**

An in-depth look at requirements for tubs, showers, and bathing for both scoping and technical requirements. This will also include grab bars, seats, and accessories along with the requirements for each

#### **LEARNING OBJECTIVES**

- Understand critical design factors for bathing facilities whether in hotels or student housing, public housing or social service center establishments, and other facility types
- Review scoping and technical parameters for bathtubs, showers, and exterior rinsing showers
- Learn about grab bar requirements and when they are required
- Overview different requirements for seats, spray units, and controls for compliant design

*typically 2 hours for the full seminar* AND NOW AVAILABLE AS AN ON-DEMAND WEBINAR

## **STEPPING THRU – VIGNETTE SERIES**

### **Kitchen Design for Access & Aging – Issues, Complications, & Solutions!**

#### **DESCRIPTION**

Kitchens are one of the more challenging spaces to design creatively. Although common to all residential architecture, they are complex rooms, whether single vs multi-family dwellings, or low-income housing vs custom homes. Kitchens are also high-impact areas requiring durability of design, materials, and installation. So how do we approach this? And what are typical pitfalls as well as their solutions?

#### **SUMMARY**

An in-depth look at requirements for mobility kitchen design and considerations for Aging. This will include understanding cabinetry requirements, appliances, and fixtures as well as other design items

#### **LEARNING OBJECTIVES**

- Increase skills to create useful and well-designed kitchens for Accessibility & Aging-In-Place in both residential dwellings and common-use spaces
- Become aware of other solutions beyond the typical wall and base cabinet mentality
- Expand vocabulary for cabinetry documentation and convenience hardware specifications to create functional & well-built kitchens
- Learn about some common construction pitfalls and how to avoid them

*typically 3 hours for the full seminar; AND NOW AVAILABLE AS AN ON-DEMAND WEBINAR*