# The Basic Architectural Services & Project Delivery

### The Contract

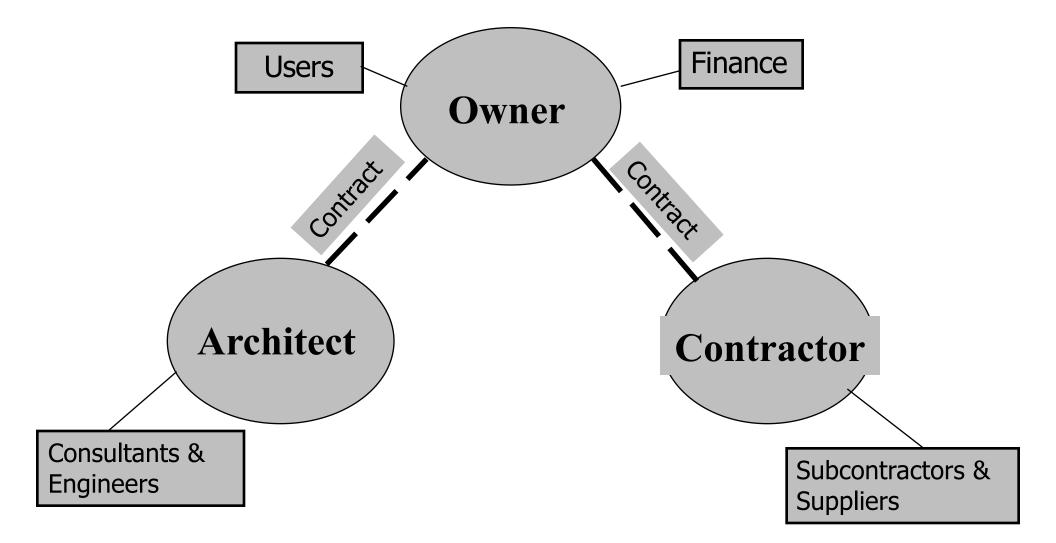
Contractual Relationships Project Delivery

### **5** Phases of Service

The Project Progression through Design to Documentation to Bid to Construction

### **Additional Services**

### Who are the Players in a Construction Project?



- Architects have contracts with Owners
  - To provide the service or design and documentation
- Architects have contracts with Engineers and Consultants
  - Engineers/Consultants provide a detailed, specialized service to the Architect
    - Civil Engineers, Mechanical/Electrical Engineers, Structural Engineers, Interior Designers, Large equipment vendors.

- Owners have contracts with Contractors
  - Contractor provides service of construction to owner
- Contractors have contracts with subcontractors
  - Sub-c (or trades) provide service of construction on a specific part of the project
    - i.e., electrical, plumbing, mechanical, framing

Common Misconception:

# The Architect and Contractor have a contract.

In this traditional model, the architect and contractor have <u>no legal obligation</u> to each other, but have a common interest:

OWNER

- It is the method of organization in which the project will be delivered to the owner.
- It determines who is contractually involved within the project framework
  - And what responsibilities and roles they will play
  - Also determines the individual RISK that each party takes on.

- Project Delivery is determined by the following:
  - Owner Sophistication
    - One time builder vs. developer
  - Size & Complexity of Project
  - Schedule vs. Budget Driven
  - Global Economy / Bidding Climate

- Methods of Project Delivery
  - Design-Bid-Build
  - Design-Build
  - Fast Track (can be DBB or DB method)

- Design-Bid-Build (D-B-B)
  - Most "Traditional" Method
  - Linear Progression in construction
    - Owner hires Architect/Engineer (A/E)
      - A/E prepares design and con. docs.
      - Paid a lump sum (hourly rate) or percentage of construction cost
    - Project is solicited for competitive bid
      - Owner looks for lowest reasonable price or
      - Owner negotiates with pre-selected contractor
    - Project is AWARDED

- Design-Bid-Build (D-B-B)
  - Construction cost determined after all bids are received & accepted
  - May have multiple contractors bids
    - Could be competitive costing
  - Contractor is solely responsible for delivering the completed project
    - Must comply with contract documents
    - GC may subcontract much of the work (TYPICAL)
  - Owner has A/E administer the contract
    - or can have in-house people administer contract

Design-Bid-Build is still the most popular method of delivery but not the predominant method.

- Design-Build (D/B)
  - Firm hired will complete both design and construction
  - Single point of contact for Owner through entire project (design to construction)
  - Types of Design Build Relationships
    - Design/Build Firms with in-house design and construction services
    - Joint venture Firms that contractually come together

- Design-Build (D/B)
  - Contractor and Architect team and form a single entity to provide a service to the owner
    - A/E and Contractor have a contract in this model
    - Typically Contractor has lead role
    - Architect relinquishes control of project
      - Works under the guise of the Contractor
    - Contractor controls costs & quality
    - Architect is selected by Contractor
      - Both entities can hire subcontractors to complete the work

- Fast Track
  - Administration of multiple construction contracts for the same project at the same time
    - Project is performed in phases where design is overlapped by construction
  - Construction phases are staggered
    - Portions of work are started as soon as design is completed
    - Shortens construction timeline considerably
      - Used when Schedule is most important
    - Design and construction overlap, but contract is performed by multiple general contractors

# 5 Phases of the Basic Architectural Services

- 1. Schematic Design
- 2. Design Development
- 3. Construction Documentation
- 4. Bidding & Negotiation
- 5. Construction Administration

# Schematic Design

- Evaluate the Site
- Develop the Building Program
  - Based on Owner's needs and wants
- Develop a Construction Budget
  - Based on what Owner can afford
- Prepare Sketches
  - Plans, elevations, sections, perspectives, study models
- Present initial design to Owner

# Design Development

- Scaled Drafted Drawings
  - Plans, elevations, sections
- Selection of Materials & Finishes
- Review of Engineering Requirements
  - Discussion and coordination with civil, structural, electrical, mechanical, plumbing engineers
- Review of Construction Budget
- Presentation to Owner for Changes or Modifications

# **Construction Documentation**

### Final <u>Detailed Working Drawings</u>

- Plans, Elevations, Sections
- Construction Details
- Schedules (Door, Window, Finish)
- Consulting Engineers' Drawings
- Written Specifications
  - Quality of material and installation
- Project Manual
  - Terms of contract between owner & contractor

# **Bidding & Negotiation**

- Qualify Eligible Contractors
  - Pre-selected Bidders
- Review Project with Contractors
- Answer Questions about Design
  - From contractors, subcontractors, suppliers and/or manufacturers
- Issues Addendums to bidders
  - Changes to design before bid is entered
- Evaluates Bids
  - Helps owner decide what contractor to go with

# **Construction Administration**

- Answers Contractor Questions during construction
  - RFI's (Request for Information)
- Reviews Contractor Request for Payment
- Reviews Change Orders
  - Changes to construction
- Inspects Construction Progress
- Project Closeout and Punch List
  - "cleaning up" the loose ends

# **Additional Services**

#### Services above and beyond "Basic Services"

#### Pre-Design

- Facility Assessment
- Programming
- Marketing/Feasibility Studies
- Budgeting/Financing

#### Site Analysis

- Site Selection
- Site Development Planning
- Utilities Studies
- Environmental Studies
- Zoning

#### Post-Construction Services

- Facilities Management
- Record Drawings ("As-Builts")
- Warranty Review

#### Other Services

- Renderings
- Models
- Life Cycle Cost Analysis
- Cost Estimates
- Energy Studies
- Tenant Services
- Graphic Design
- Interior Design
- Expert Witness



### Architecture 101: Understanding Terminology, Acronyms, & the Language of Architeture

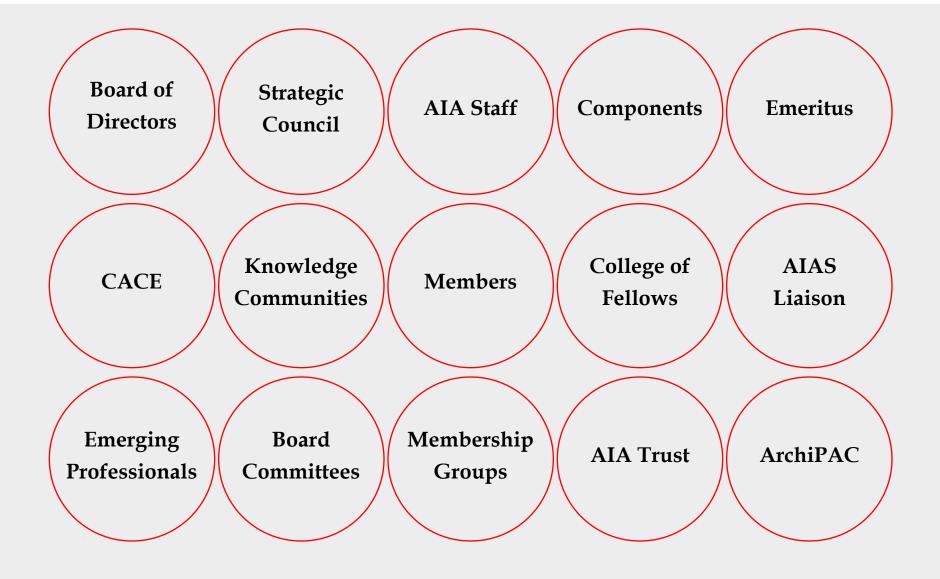
Jason Winters, AIA 2017 AIA Strategic Council Moderator

Workshop 3

*We abbreviate words or phrases to save time, effort or space...* An abbreviation(from Latin brevis, meaning short) is a shortened form of a word or phrase, used to represent a longer, often-used word or phrase.



AAF AAH AAJ	American Architecture Foundation Academy of Architecture for Health Knowledge Community Academy of Architecture for Justice Knowledge Community	CRAN CRS D+P	Custom Residential Architects Network Comprehensive Response System (AIA Disaster Assistance Program) Design + Practice	MBE MCE MOU	Member Board Executives (NCARB) Mandatory Continuing Education Memorandum of Understanding
ABC ABI	Associated Builders and Contractors Architecture Billing Index	D&O D. Arch.	Directors and Officers (Insurance) Doctor of Architecture Degree (NAAB)	NAAB NAC	National Architectural Accrediting Board National Associates Committee
ACADIA	Association for Computer Aided Design in Architecture	D. Arcn. DAT	Doctor of Architecture Degree (NAAB) Design Assistance/Assessment Team	NAC	National Associates Committee National Academy of Environmental Design
ACD	AIA Contract Documents	DB	Design Build	NAHB	National Association of Home Builders
ACE	Architecture, Construction, Engineering Mentor Program	DBIA	Design-Build Institute of America	NAS	National Academy of Science
ACSA	Association of Collegiate Schools of Architecture	DFA	Design for Aging	NBM	National Building Museum
ADA	Americans with Disabilities Act	Dod	AIA Contract Documents on Demand	NCARB	National Council of Architectural Registration Boards
A+DEN	Architecture + Design Education Network	DOE DOJ	Department of Energy	NEA	National Endowment of the Arts/National Education Association National Ethics Council
AG AGC	Advisory Group (Knowledge Community) Associated General Contractors of America	DOJ DOT	Department of Justice Department of Transportation	NAC NOMA	National Etnics Council National Organization of Minority Architects
AGS	Architectural Graphic Standards	DV	DesignVote	NOMAS	National Organization of Minority Architects Students
AIA	American Institute of Architects	ED	U.S. Department of Education	NTHP	National Trust for Historic Preservation
AIAS	American Institute of Architecture Students	EPA	Environmental Protection Agency	PA	Public Architects Committee Knowledge Community
AIBD	American Institute of Building Designers	EPC	Emerging Professional Companion	PAC	Political Action Committee (e.g., ArchiPAC)
APA ArchiPAC	American Planning Association AIA's Political Action Committee	EPN	Educator Practitioner Network	PMKC	Practice Management Knowledge Community
ARE	Architectural Licensing Exam	FACHA FAIA	Fellow, American College of Healthcare Architects Fellow, American Institute of Architects	QA QBS	Quality Assurance Qualifications Based Selection
AKE ASAE	American Society of Association Executives	FEMA	Federal Emergency Management Agency	RAD	Regional Associate Director
ASCE	American Society of Association Executives	FSD	Full Service Distributor (of AIA contracts)	RAIA	Royal Australian Institute of Architects
ASID	American Society of Interior Design	GBI	Green Building Institute	RAIC	Royal Architectural Institute of Canada
ASLA	American Society of Landscape Architects	GSA	General Services Administration	REC	Retail and Entertainment Knowledge Community
ASME	American Society of Mechanical Engineers	HCR	Housing & Custom Residential Knowledge Community	RIBA	Royal Institute of British Architects
BArch	Bachelor of Architecture Degree (NAAB, see also MArch)	HSW	Health Safety Welfare	RUDAT	Regional Urban Design Assistance Team(s)
BAC	Board Advocacy Committee	HUD	US Department of Housing and Urban Development	RUDC	Regional and Urban Design Committee Knowledge Community
BEC BoKnoCo	Building Enclosure Council Board Knowledge Committee	IA ICC	Interior Architecture Committee Knowledge Community International Code Council	SAC SDA	Secretary's Advisory Committee Society for Design Administration
BOMA	Building Owners and Managers Association	IDP	Intern Development Program	SDAT	Sustainable Design Assessment Team(s)
CxD	Communities by Design	IFRAA	Interfaith Forum on Religion, Art and Architecture	SDLU	Sustainable Design Learning Unit
CACE	Council of Architectural Component Executives	IGCC	International Green Construction Code	SFRT	Small Firm Round Table
CAE	Committee on Architecture for Education	IIDA	International Interior Design Association	SGN	State Government Network
CAFM/PM	Committee of Corporate Architects and Facility Management	IPD	Integrated Project Delivery	SPP	Small Project Practitioners Knowledge Community
CCA	Construction Contract Administration Knowledge Community	IRT	Institute Resource Training	TAP	Technology in Architectural Practice Knowledge Community
CES CEU	Continuing Education System Continuing Education Unit	KC KLA	Knowledge Communities Knowledge Leadership Assembly	UDI UIA	Urban Development Institute International Union of Architects
CGI	Clinton Global Initiative	KNet	Knowledge Net	ULI	Urban Land Institute
CLE	Committee on Leadership Education	LEED	Leadership in Energy and Environmental Design	USDOE	United States Department of Energy
COD	Committee on Design	LEED AP	Leadership in Energy and Environmental Design Accredited Professional	USGBC	United States Green Building Council
COF	College of Fellows	LFRT	Large Firm Round Table	YAF	Young Architects Forum
COFPAES	Council on the Federal Procurement of A/E Services	LU	Learning Units (Continuing Education Hour)		
COTE	Committee on the Environment	MArch	Master of Architecture Degree (NAAB, see also BArch)		



#### 

Academy of Architecture for Health Advisory Group Academy of Architecture for Justice Leadership Group ACE Mentor Board Liaison **AIA** Trust AIA/ACSA Topaz Medallion for Excellence in Architectural Education Jury AIA/AGC Joint Committee AIAS Liaison ArchiPAC Steering Committee **Benefits** Trustees **Board Advocacy Committee Board Community Committee** Board Knowledge Committee Codes & Standards Committee Committee on Architecture for Education Leadership Group Committee on Design Advisory Group Committee on the Environment Advisory Group Construction Contract Administration Leadership Group **Continuing Education Committee** Corporate Architects and Facility Management Advisory Group Council of Architectural Component Executives Custom Residential Architects Network Advisory Group Design for Aging Advisory Group **Disaster Assistance Committee Diversity Council** 

**Documents** Committee Federal Architecture Task Group Historic Resources Committee Advisory Group Housing Knowledge Community Advisory Group Interfaith Forum on Religion, Art & Architecture Leadership Group Interior Architecture Knowledge Community Leadership Group International Practice Committee Advisory Group MASTERSPEC Architectural Review Committee MASTERSPEC Electrical Engineering Subcommittee **MASTERSPEC** Mechanical Engineering Subcommittee National Ethics Council Practice & Prosperity Practice Management Knowledge Community Leadership Group Project Delivery Knowledge Community Leadership Group Public Architects Committee Advisory Group Regional and Urban Design Committee Leadership Group **Resolutions Committee** Retail and Entertainment Knowledge Community Leadership Group Secretary's Advisory Committee Small Project Practitioners Advisory Group Technical Design for Building Performance Advisory Group Technology in Architectural Practice Leadership Group Thomas Jefferson Foundation Medal in Architecture Jury

						م	Join AIA Login	
Architects	Career	Advocacy	Events	Topics	Practice	About AIA	Contracts 🕑	

#### **AIA Knowledge Communities**

#### Twenty-one ways to make an impact

Join an AIA Knowledge Community and connect with others who share your passions and commitment—and start a project that advances the profession and your work.

Sustainability, emerging technologies, small business, starting or managing a firm—no matter your interest, there is an AIA Knowledge Community for you.

#### They're your source for information

With webinars, workshops, white papers, newsletters, in-person events, and active discussion boards, you will find the information you need to stay on top of your interest areas.

#### They're about connections

Share your reports, help students, develop grants, conduct courses and presentations, lead a forum, and more with over 90,000 members from around the world.



#### **AIA Knowledge Communities**

Academy of Architecture for Health **AAH** 

Academy of Architecture for Justice AAJ

Committee on Architecture for Education **CAE** 

Committee on Design **COD** 

Committee on the Environment **COTE** 

Construction Contract Administration **CCA** 

Corporate Architects and Facility Management **CAFM** 

Custom Residential Architects Network CRAN

Design for Aging Knowledge Community **DFA** 

Historic Resources Committee **HRC** 

Housing Knowledge Community

Interfaith Forum on Religion, Art, and Architecture **IFRAA** 

Interior Architecture Knowledge Community

International Program

Practice Management Knowledge Community

Project Delivery Knowledge Community **PD** 

Public Architects Committee

Regional and Urban Design **RUDC** 

Retail and Entertainment Knowledge Community **REC** 

Small Project Practitioners **SPP** 

Technology in Architectural Practice **TAP** 

Technical Design Building Performance **TDBP** 

	AIA 💀							Join AIA Login
Arc	chitects	Career	Advocacy	Events	Topics	Practice	About AIA	Contracts D

#### Member groups

AIA engages the interests and deepens the knowledge of its diverse members through curated membership organizations. The groups deliver tailored online tools, access to forums and other significant resources. They elevate your practice field and help advocate for architecture. Find your group and expand the value of your AIA membership.

#### Center for Civic Leadership

The Center for Civic Leadership encourages architects to develop the skills necessary to become community leaders and advocates for the successful practice of architecture. The group also advances leadership as a core value for the AIA. Involvement in civic organizations gives architects an important voice in promoting tomorrow's livable, healthy, sustainable and quality-designed environments.

#### College of Fellows

The College of Fellows, founded in 1952, is composed of members of the Institute who are elected to Fellowship by a jury of their peers. Fellowship is one of the highest honors the AIA can bestow upon a member. Elevation to Fellowship not only recognizes the achievements of the architect as an individual but also elevates before the public and the profession those architects who have made significant contributions to architecture and to society.

#### International Practice Committee

The International Practice Committee promotes excellence in the practice of architecture across the globe. It is a resource for information about international markets, practice and design and it fosters relationships with architects abroad. International policy and trade experts advise AIA to help members navigate issues that arise in international practices.

#### National Associates Committee

The National Associates Committee is dedicated to representing and advocating for AIA's associate members in AIA's national, regional, state and local chapters. Associate members automatically become part of the AIA KnowledgeNet community.

#### Resilience Network

The Resilience Network is a forum for knowledge sharing and networking on topics related to hazard mitigation, climate adaptation, and community resilience.

#### **Risk Management Committee**

The Risk Management Committee actively monitors risk management developments in the construction industry, with particular emphasis on issues impacting design professionals. In coordination with AIA national staff, the committee develops educational materials and other resources to help members better control and manage the risks associated with the practice of architecture.

#### Small Firm Exchange

The Small Firm Exchange roundtable seeks to advance the mutual interests of architects practicing in small firms. The group advocates for them within the AIA and outside organizations, promotes leadership development and supports chapter roundtables and other small firm networks.

#### Young Architects Forum

The Young Architects Forum addresses issues of particular importance to recently licensed architects, providing resources on leadership, mentorship and fellowship useful to those launching their careers.



AAF	American Architecture Foundation	CRA
AAH	Academy of Architecture for Health Knowledge Community	CRS
AAJ	Academy of Architecture for Justice Knowledge Community	D+P
ABC	Associated Builders and Contractors	D&O
ABI	Architecture Billing Index	D. Ar
ACADIA	Association for Computer Aided Design in Architecture	DAT
ACD	AIA Contract Documents	DB
ACE	Architecture, Construction, Engineering Mentor Program	DBIA
ACSA	Association of Collegiate Schools of Architecture	DFA
ADA	Americans with Disabilities Act	Dod
A+DEN	Architecture + Design Education Network	DOE
AG	Advisory Group (Knowledge Community)	DOJ
AGC	Associated General Contractors of America	DOT
AGS	Architectural Graphic Standards	DV
AIA	American Institute of Architects	ED
AIAS	American Institute of Architecture Students	EPA
AIBD	American Institute of Building Designers	EPC
APA	American Planning Association	EPN
ArchiPAC	AIA's Political Action Committee	FACI
ARE	Architectural Licensing Exam	FAIA
ASAE	American Society of Association Executives	FEM
ASCE	American Society of Civil Engineers	FSD
ASID	American Society of Interior Design	GBI
ASLA	American Society of Landscape Architects	GSA
ASME	American Society of Mechanical Engineers	HCR
BArch	Bachelor of Architecture Degree (NAAB, see also MArch)	HSW
BAC	Board Advocacy Committee	HUD
BEC	Building Enclosure Council	IA
BoKnoCo	Board Knowledge Committee	ICC
BOMA	Building Owners and Managers Association	IDP
CxD	Communities by Design	IFRA
CACE	Council of Architectural Component Executives	IGCC
CAE	Committee on Architecture for Education	IIDA
CAFM/PM	Committee of Corporate Architects and Facility Management	IPD
CCA	Construction Contract Administration Knowledge Community	IRT
CES	Continuing Education System	KC
CEU	Continuing Education Unit	KLA
CGI	Clinton Global Initiative	KNet
CLE	Committee on Leadership Education	LEEI
COD	Committee on Design	LEEI
COF	College of Fellows	LFRT
COFPAES	Council on the Federal Procurement of A/E Services	LU
COTE	Committee on the Environment	MArc

AN	Custom Residential Architects Network
S	Comprehensive Response System (AIA Disaster Assistance Program)
Р	Design + Practice
0	Directors and Officers (Insurance)
Arch.	Doctor of Architecture Degree (NAAB)
Т	Design Assistance/Assessment Team
	Design Build
IA	Design-Build Institute of America
A	Design for Aging
1	AIA Contract Documents on Demand
E	Department of Energy
J	Department of Justice
Т	Department of Transportation
	DesignVote
	U.S. Department of Education
4	Environmental Protection Agency
0	Emerging Professional Companion
N	Educator Practitioner Network
CHA	Fellow, American College of Healthcare Architects
IA	Fellow, American Institute of Architects
MA	Federal Emergency Management Agency
)	Full Service Distributor (of AIA contracts)
I	Green Building Institute
A	General Services Administration
R	Housing & Custom Residential Knowledge Community
W	Health Safety Welfare
D	US Department of Housing and Urban Development
	Interior Architecture Committee Knowledge Community
3	International Code Council
)	Intern Development Program
AA	Interfaith Forum on Religion, Art and Architecture
CC	International Green Construction Code
A	International Interior Design Association
)	Integrated Project Delivery
	Institute Resource Training
	Knowledge Communities
A	Knowledge Leadership Assembly
et	Knowledge Net
ED	Leadership in Energy and Environmental Design
ED AP	Leadership in Energy and Environmental Design Accredited Professional
RT	Large Firm Round Table
nah	Learning Units (Continuing Education Hour)
rch	Master of Architecture Degree (NAAB, see also BArch)

MBE	Member Board Executives (NCARB)
MCE	Mandatory Continuing Education
MOU	Memorandum of Understanding
NAAB	National Architectural Accrediting Board
NAC	National Associates Committee
NAED	National Academy of Environmental Design
NAHB	National Association of Home Builders
NAS	National Academy of Science
NBM	National Building Museum
NCARB	National Council of Architectural Registration Boards
NEA	National Endowment of the Arts/National Education Association
NAC	National Ethics Council
NOMA	National Organization of Minority Architects
NOMAS	National Organization of Minority Architects Students
NTHP	National Trust for Historic Preservation
PA	Public Architects Committee Knowledge Community
PAC	Political Action Committee (e.g., ArchiPAC)
PMKC	Practice Management Knowledge Community
QA	Quality Assurance
QBS	Qualifications Based Selection
RAD	Regional Associate Director
RAIA	Royal Australian Institute of Architects
RAIC	Royal Architectural Institute of Canada
REC	Retail and Entertainment Knowledge Community
RIBA	Royal Institute of British Architects
RUDAT	Regional Urban Design Assistance Team(s)
RUDC	Regional and Urban Design Committee Knowledge Community
SAC	Secretary's Advisory Committee
SDA	Society for Design Administration
SDAT	Sustainable Design Assessment Team(s)
SDLU	Sustainable Design Learning Unit
SFRT	Small Firm Round Table
SGN	State Government Network
SPP	Small Project Practitioners Knowledge Community
TAP	Technology in Architectural Practice Knowledge Community
UDI	Urban Development Institute
UIA	International Union of Architects Urban Land Institute
ULI USDOE	United States Department of Energy
USGBC YAF	United States Green Building Council Young Architects Forum
I AF	Foung Architects Forum



AAF	American Architecture Foundation	D&O	Directors and Officers (Insurance)	MBE	Member Board Executives (NCARB)
ABC	Associated Builders and Contractors	D. Arch.	Doctor of Architecture Degree (NAAB)	MOU	Memorandum of Understanding
ABI	Architecture Billing Index	DBIA	Design-Build Institute of America	NAAB	National Architectural Accrediting Board
ACADIA	Association for Computer Aided Design in Architecture	DOE	Department of Energy	NAED	National Academy of Environmental Design
ACE	Architecture, Construction, Engineering Mentor Program	DOJ	Department of Justice	NAHB	National Association of Home Builders
ACSA	Association of Collegiate Schools of Architecture	DOT	Department of Transportation	NAS	National Academy of Science
ADA	Americans with Disabilities Act	DV	DesignVote	NBM	National Building Museum
A+DEN	Architecture + Design Education Network	ED	U.S. Department of Education	NCARB	National Council of Architectural Registration Boards
AGC	Associated General Contractors of America	EPA	Environmental Protection Agency	NEA	National Endowment of the Arts/National Education Association
AGS	Architectural Graphic Standards	FEMA	Federal Emergency Management Agency	NAC	National Ethics Council
AIBD	American Institute of Building Designers	GBI	Green Building Institute	NTHP	National Trust for Historic Preservation
APA	American Planning Association	GSA	General Services Administration	PA	Public Architects Committee Knowledge Community
ARE	Architectural Licensing Exam	HUD	US Department of Housing and Urban Development	PAC	Political Action Committee (e.g., ArchiPAC)
ASAE	American Society of Association Executives	ICC	International Code Council	QA	Quality Assurance
ASCE	American Society of Civil Engineers	IDP	Intern Development Program	QBS	Qualifications Based Selection
ASID	American Society of Interior Design	IGCC	International Green Construction Code	RAIA	Royal Australian Institute of Architects
ASLA	American Society of Landscape Architects	IIDA	International Interior Design Association	RAIC	Royal Architectural Institute of Canada
ASME	American Society of Mechanical Engineers	IPD	Integrated Project Delivery	RIBA	Royal Institute of British Architects
BArch	Bachelor of Architecture Degree (NAAB, see also MArch)	LEED	Leadership in Energy and Environmental Design	SDA	Society for Design Administration
BOMA	Building Owners and Managers Association	LEED AP	Leadership in Energy and Environmental Design Accredited Professional	SDAT	Sustainable Design Assessment Team(s)
CGI	Clinton Global Initiative	MArch	Master of Architecture Degree (NAAB, see also BArch)	UDI	Urban Development Institute
				UIA	International Union of Architects

ULI

USDOE USGBC Urban Land Institute

United States Department of Energy United States Green Building Council



AAF AAH AAJ	American Architecture Foundation Academy of Architecture for Health Knowledge Community Academy of Architecture for Justice Knowledge Community	CRAN CRS D+P	Custom Residential Architects Network Comprehensive Response System (AIA Disaster Assistance Program) Design + Practice	MBE MCE MOU	Member Board Executives (NCARB) Mandatory Continuing Education Memorandum of Understanding
ABC ABI	Associated Builders and Contractors Architecture Billing Index	D&O D. Arch.	Directors and Officers (Insurance) Doctor of Architecture Degree (NAAB)	NAAB NAC	National Architectural Accrediting Board National Associates Committee
ACADIA	Association for Computer Aided Design in Architecture	D. Arcn. DAT	Doctor of Architecture Degree (NAAB) Design Assistance/Assessment Team	NAC	National Associates Committee National Academy of Environmental Design
ACD	AIA Contract Documents	DB	Design Build	NAHB	National Association of Home Builders
ACE	Architecture, Construction, Engineering Mentor Program	DBIA	Design-Build Institute of America	NAS	National Academy of Science
ACSA	Association of Collegiate Schools of Architecture	DFA	Design for Aging	NBM	National Building Museum
ADA	Americans with Disabilities Act	Dod	AIA Contract Documents on Demand	NCARB	National Council of Architectural Registration Boards
A+DEN	Architecture + Design Education Network	DOE DOJ	Department of Energy	NEA	National Endowment of the Arts/National Education Association National Ethics Council
AG AGC	Advisory Group (Knowledge Community) Associated General Contractors of America	DOJ DOT	Department of Justice Department of Transportation	NAC NOMA	National Etnics Council National Organization of Minority Architects
AGS	Architectural Graphic Standards	DV	DesignVote	NOMAS	National Organization of Minority Architects Students
AIA	American Institute of Architects	ED	U.S. Department of Education	NTHP	National Trust for Historic Preservation
AIAS	American Institute of Architecture Students	EPA	Environmental Protection Agency	PA	Public Architects Committee Knowledge Community
AIBD	American Institute of Building Designers	EPC	Emerging Professional Companion	PAC	Political Action Committee (e.g., ArchiPAC)
APA ArchiPAC	American Planning Association AIA's Political Action Committee	EPN	Educator Practitioner Network	PMKC	Practice Management Knowledge Community
ARE	Architectural Licensing Exam	FACHA FAIA	Fellow, American College of Healthcare Architects Fellow, American Institute of Architects	QA QBS	Quality Assurance Qualifications Based Selection
AKE ASAE	American Society of Association Executives	FEMA	Federal Emergency Management Agency	RAD	Regional Associate Director
ASCE	American Society of Association Executives	FSD	Full Service Distributor (of AIA contracts)	RAIA	Royal Australian Institute of Architects
ASID	American Society of Interior Design	GBI	Green Building Institute	RAIC	Royal Architectural Institute of Canada
ASLA	American Society of Landscape Architects	GSA	General Services Administration	REC	Retail and Entertainment Knowledge Community
ASME	American Society of Mechanical Engineers	HCR	Housing & Custom Residential Knowledge Community	RIBA	Royal Institute of British Architects
BArch	Bachelor of Architecture Degree (NAAB, see also MArch)	HSW	Health Safety Welfare	RUDAT	Regional Urban Design Assistance Team(s)
BAC	Board Advocacy Committee	HUD	US Department of Housing and Urban Development	RUDC	Regional and Urban Design Committee Knowledge Community
BEC BoKnoCo	Building Enclosure Council Board Knowledge Committee	IA ICC	Interior Architecture Committee Knowledge Community International Code Council	SAC SDA	Secretary's Advisory Committee Society for Design Administration
BOMA	Building Owners and Managers Association	IDP	Intern Development Program	SDAT	Sustainable Design Assessment Team(s)
CxD	Communities by Design	IFRAA	Interfaith Forum on Religion, Art and Architecture	SDLU	Sustainable Design Learning Unit
CACE	Council of Architectural Component Executives	IGCC	International Green Construction Code	SFRT	Small Firm Round Table
CAE	Committee on Architecture for Education	IIDA	International Interior Design Association	SGN	State Government Network
CAFM/PM	Committee of Corporate Architects and Facility Management	IPD	Integrated Project Delivery	SPP	Small Project Practitioners Knowledge Community
CCA	Construction Contract Administration Knowledge Community	IRT	Institute Resource Training	TAP	Technology in Architectural Practice Knowledge Community
CES CEU	Continuing Education System Continuing Education Unit	KC KLA	Knowledge Communities Knowledge Leadership Assembly	UDI UIA	Urban Development Institute International Union of Architects
CGI	Clinton Global Initiative	KNet	Knowledge Net	ULI	Urban Land Institute
CLE	Committee on Leadership Education	LEED	Leadership in Energy and Environmental Design	USDOE	United States Department of Energy
COD	Committee on Design	LEED AP	Leadership in Energy and Environmental Design Accredited Professional	USGBC	United States Green Building Council
COF	College of Fellows	LFRT	Large Firm Round Table	YAF	Young Architects Forum
COFPAES	Council on the Federal Procurement of A/E Services	LU	Learning Units (Continuing Education Hour)		
COTE	Committee on the Environment	MArch	Master of Architecture Degree (NAAB, see also BArch)		

