

ASHRAE YOUNG ENGINEER  
BOOTCAMP

Training Series Sharing Best  
Practices and Career Lessons in  
the Built Environment

ASHRAE Alaska Chapter  
February 3, 2022

Session 4  
Presenter: Scott A. Bohne, AIA

RIM

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ASHRAE Code of Ethics

*In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, inclusiveness and respect for others, which exemplify our core values of excellence, commitment, integrity, collaboration, volunteerism and diversity, and we shall avoid all real or perceived conflicts of interests.*

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### Learning Objectives

-  How an Architect Selects a Team
-  What the Architect Expects
-  Define Success
-  Tidbits and Take-Aways

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### Introduction



- Registered Architect with 40 years of experience in Alaska
- Principal with RIM for 21 years
- Designer and Project Manager
- Memberships and Certifications
  - American Institute of Architects
  - National Council of Architectural Registration Boards
  - Construction Specifications Institute
  - Certified Documents Technologist
  - Certified Construction Specifier
  - Certified Construction Contract Administrator
  - LEED-AP

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### Education Part 2

- School Gave You Tools
- Now Starts the Practical



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Education Part 2

- How Cool,  
You get to design in Alaska!



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How an Architect Selects a Team

- Prior Performance with Us
- Prior Performance with Building Type
- Client Recommendations
- Brought Us Work
- Showed Interest



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How an Architect Selects a Team

- Integrity
- Ingenuity
- Responsibility



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What the Architect Expects

- Know Who's the Lead



A 3D illustration showing a large red figure in the foreground, pointing towards a line of smaller blue figures that recede into the distance. The red figure is positioned at the front of the line, leading the group.

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What the Architect Expects

- Know the Scope



A pair of black binoculars with a central eyepiece and objective lenses, shown from a three-quarter perspective.

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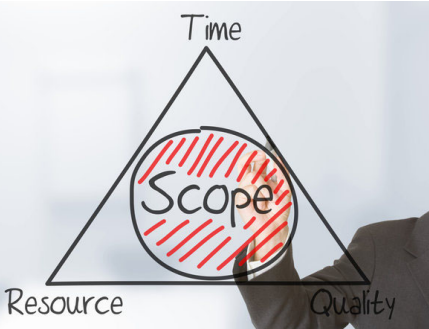
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What the Architect Expects

- Know the Scope



A hand-drawn diagram on a whiteboard. It features a triangle with 'Time' at the top vertex, 'Resource' at the bottom-left vertex, and 'Quality' at the bottom-right vertex. In the center of the triangle is a circle with diagonal red hatching, labeled 'Scope'. A hand is visible at the bottom right, pointing towards the 'Scope' circle.

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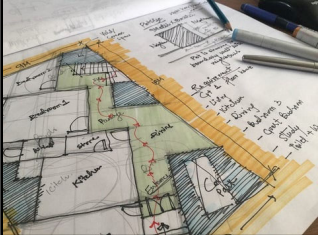
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### What the Architect Expects

- Phases of Design
  - Concept (15% Design)
  - Schematic (35% Design)
  - Design Development (65% Design)
  - Pre-Final Construction Documents (95% Design)
  - Construction Documents
  - Bidding and Permitting
  - Construction Administration
  - Close-out



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### What the Architect Expects

- Seek Clarifications



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### What the Architect Expects

- Select the Right Products



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What the Architect Expects

- Meet all Deadlines



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What the Architect Expects

- Check Your Work



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What the Architect Expects

- Own Your Work



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Define Success

- Meet **Minimum** Standards



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Define Success

- Meet Client's Expectations



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Define Success

- What's Important to the Client?



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Define Success

- Select the Right Products



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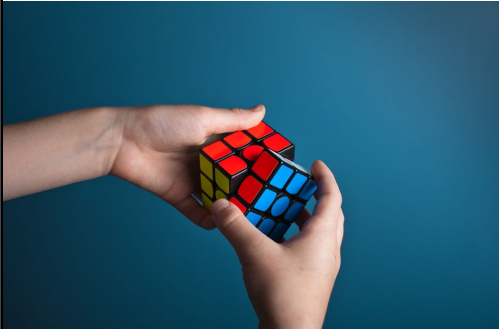
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Define Success

- Solve the Problems



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Define Success

- Adjust to Change



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**Define Success**

- Meet the Budget(s)

A close-up photograph of a silver calculator and a black pen resting on a document with various numerical values, including -1456.77, -665.20, -140.00, -2611.05, 158.50, 2214.00, -80.00, -133.25, -578.40, -665.90, -380.90, 2722.17, 11026.82, 10448.42, 10360.92, 10067.92, and 130.

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**Tidbits and Take-Aways**

- Be a Reliable Employee

A 3D rendered white figure of a person in a suit and tie, standing next to a large red checkmark inside a black square frame. The figure has one arm raised in a celebratory gesture.

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**Tidbits and Take-Aways**

- Solicit Feedback

A close-up photograph of a hand holding a white sign with the text "ASK FOR FEEDBACK" in black capital letters. The person holding the sign is wearing a light purple shirt.

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Tidbits and Take-Aways

- It's Okay to Ask Questions



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Tidbits and Take-Aways

- Find Mentors



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Tidbits and Take-Aways

- Time Management



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Tidbits and Take-Aways

- Do your Homework
- Bring Proposed Solution



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Tidbits and Take-Aways

- Yes – You will Fail



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Tidbits and Take-Aways

- Meet with Vendors



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Tidbits and Take-Aways

- Attend Field Visits



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Tidbits and Take-Aways

- Never Put in Writing What You Don't Want to See in Court



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Tidbits and Take-Aways

- Designer's Make Recommendations
- Owner's Make Decisions



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Tidbits and Take-Aways



- Communicate
- Communicate
- Communicate

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Tidbits and Take-Aways



- Learn Construction Contracts

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Tidbits and Take-Aways



- Get Registered

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Tidbits and Take-Aways

- Be Involved in your Community



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Tidbits and Take-Aways

- Marketing



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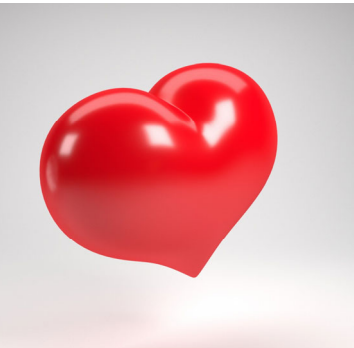
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Tidbits and Take-Aways

- Love your Job



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Tidbits and Take-Aways

- Become an Asset



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Questions?

<https://ashraealaska.com/yea-bootcamp>



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Thank You for your Attention



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