

About the Instructor:



Troy Aichele has a B.S. degree in Construction Management from the University of Washington, an A.A.S. degree in HVAC and Refrigeration Design, and has worked in every facet as a Mechanical Contractor in the Pacific Northwest over the last 25 years specializing in commercial construction. Currently, he is a Business Unit Leader for the Hermanson Company.

Troy taught mechanical construction at the University of Washington for 17 years and has been an invited speaker at numerous national events including the International Association of Plumbing & Mechanical Officials/World Plumbing Council (IAPMO/WPC) Energy Technology Symposium, Watersmart Innovations Conference, MCAA's National Convention and the Mechanical Service Contractors Association (MSCA) Annual Conference. Troy has also been named MCAWW Instructor of the Year twice (2010, 2012).

Troy is on the MCAA Board of Directors, MCERF Board of Trustees, and the Chairman of the MCAA Career Development Committee, which oversees 53 student chapters in North America and manages the popular Student Chapter Competition held yearly at MCAA's National Convention. In his free time, Troy enjoys traveling, spinning vinyl and being a Toastmaster, from which he has obtained his CC (Competent Communicator) designation. He also enjoys spending time with his wife, Natalie, and their two children, Garrett & Paige.

MCAWW Board of Education:

Maria Boyer (Chair),
MacDonald-Miller Facility Solutions
Bryan Eppler, *University Mechanical Contractors, Inc.*
Leah Gutmann, *First Forward Consulting*
Stephen Hengl, *Hermanson Company*
Sheri Keeley, *McKinstry Co.*
Kelly Peterson, *Holmberg Company*
Ty Baldi, *Ferguson Enterprises, Inc.*

MCA of Western Washington
is proud to sponsor ongoing
educational programs and seminars
for the benefit of our members:

Project Manager Certification:

CMPM 1
CMPM 2
CMPM 3

Technical Training Series:

Intro to HVAC
HVAC Engineering
Plunging into Plumbing
The Last 10%
Intro to Hydronics & Steam

Other Programs:

Mechanical Service Professional (MSP)
Mechanical Contracting Leadership (MCL)
Fierce Conversations

Sample of Recent, Specialized Seminars:

Introduction to Virtual Design & Construction
Business Writing
Payroll Trust Reporting
Lean Construction
...And many more!

For more information, please contact
Tamara Butler, Director of Education
at tbutler@mcaww.net

*MCAWW educational programs are for Western Washington
Mechanical Contracting Industry Improvement Fund contributors.*

MCAWW Board of Education Mission:

**Providing MCAWW Members innovative,
meaningful learning opportunities**

Knowledge ~ Growth ~ Respect



Mechanical Contractors Association
WESTERN WASHINGTON

MCA of Western Washington
1100 Olive Way, Suite 1250, Seattle, WA
Tel. (206) 442-9029 ~ Fax (206) 442-9364
www.mcaww.net

Introduction to Reading Blueprints & Specs in Mechanical Construction

Course #508-17

October 31, 2017



Sponsored by



Mechanical Contractors Association
WESTERN WASHINGTON

READING BLUEPRINTS & SPECS

Description

This course will improve comprehension of contract documents for all attendees. It will include how to read and decipher blueprints and specifications, as well as how to find and manage common discrepancies. Students will:

- Learn the relationship of the drawings with the specifications and viewpoints from the Owner, Designer, General Contractor, and Mechanical Contractor
- Complete a scavenger hunt activity involving MEP (wet side and dry side), Architectural, Structural, and Civil drawings and specifications
- Perform a drawing version review – schematic drawings (SD), design development (DD) and construction documents (CD)
- Review lessons learned in an effort to avoid common contract document conflicts, errors and omissions

Date: Tuesday, October 31, 2017

Time: 12:00 - 4:00 pm; lunch included at 11:30 am

Location: MCAWW Training Center
1100 Olive way, Suite 1250, Seattle

Tuition for the program is \$85 per person



How You Will Benefit

Upon completion of this program, students will be able to confidently understand where to find specific components of a project within the contract documents, as well as strategies to avoid the most common discrepancies found in almost every set of documents.

1. Understand the role of drawings within the contract documents
2. Learn by way of in-class activities where to find specific information on the contract drawings
3. Explore alternative opinions and interpretive viewpoints from different entities in the construction process (Owner, Designer, General Contractor, and Mechanical Contractor)

Who Should Attend

This entry-level program will benefit anyone with less than 2 years of experience who reviews blueprints and specs, including project managers, project engineers, estimators, and project coordinators.



Reading Blueprints & Specs

Course #508-17

REGISTRATION FORM

Name: _____

Firm: _____

Title: _____

Cell: _____

Email: _____

Years in Industry: _____

Dietary restrictions? _____

Supervisor: _____

Check here if you require special accommodations under the American with Disabilities Act.

Check here to opt in to the MCAWW E-newsletter and stay current on all upcoming classes and events.

HOW TO REGISTER:

Mail completed registration form with check for \$85 to:

MCA of Western Washington,
1100 Olive Way, Suite 1250,
Seattle, WA 98101

Or email registration to:

tbutler@mcaww.net and call (206) 442-9029
to pay by credit card

Registration Deadline: Sept. 29, 2017

*Class limited to 20 participants
(Number of attendees per firm may be limited)*

MCA of Western Washington occasionally videotapes, records or photographs events for the purpose of responsibly promoting the association and/or attendance at future events. By registering for this event you agree to allow us to use your name and likeness for such purposes.