



**HVAC&R Construction and Design Build Technologies**  
**Winter Meeting January 24, 2016**  
**Orlando, Florida**  
**Hilton Orlando Winter Park Boardroom**  
**10:00am – 12:00pm [EST]**

**MEETING AGENDA**

✓ 001 Call to Order, Introductions, Sign In, Roll Call	Andrew Rhodes	5 Minutes
✓ 002 Approval of Atlanta Meeting Minutes	Andrew Rhodes	5
✓ 003 Review of Orlando Design Build Track <ul style="list-style-type: none"> <li>• Seminar 55: Tuesday 11:00am             <ul style="list-style-type: none"> <li>○ Don't Call it a Comeback! The New and Improved Design-Build Survival Guide</li> </ul> </li> <li>• Seminar 56: Tuesday 1:00pm             <ul style="list-style-type: none"> <li>○ Avoiding Pesky Pitfalls Integrating Seismic and Sound Control</li> </ul> </li> <li>• Workshop 5: Tuesday 2:30pm             <ul style="list-style-type: none"> <li>○ Design-Build for DDC: Yes, It Works! No, It Doesn't! A Healthy Debate by Two Experts</li> </ul> </li> <li>• Seminar 57: Tuesday 3:45pm             <ul style="list-style-type: none"> <li>○ How Does the Criterion Engineer's Role Affect the Design Build Contractor's and Design Build Engineer's Roles During All Phases of a Design Build Project?</li> </ul> </li> </ul>	Andrew Rhodes	5
✓ 004 Announcements from Section Meeting	Adrienne Thomle	10
✓ 005 Review of Roster and Appointments	All	15
✓ 006 2016-2017 Goals and Objectives <ul style="list-style-type: none"> <li>• Where do we want to go as a TC?</li> <li>• What are our goals / What do we want to accomplish?</li> <li>• What should we focus on for future ASHRAE meetings?</li> </ul>	All	40
✓ 007 Programs Update	Monte Troutman	10
✓ 008 Website, Research, Standards, ListServ Committee Chair Updates	Committee Chairs	15
✓ 009 Schedule Follow Up Meetings / Final Thoughts / Adjourn	All	15

TC 7.2 Roster				
Name	Position	Email	Voting	Present
Andrew Rhodes	Chair	arhodes@southlandind.com	YES	YES
Monte Troutman	Vice Chair	montemechsys@bellsouth.net	YES	YES
Mark Terzigni	Secretary	mterzigni@smacna.org		
Peyton Collie	Research Subcommittee Chair	pcollie@smacna.org		
Adrienne Thomle	Standards Subcommittee Chair	adrienne.thomle@honeywell.com		YES
Michael McLaughlin	Webmaster	mmclaughlin@southlandind.com		
Billy Austin	Member	baustin@shultzeg.com	YES	YES
Waller Clements	Member	clementsevns@aol.com	YES	YES
Jennifer Leach	Member	pennst8jen@yahoo.com	YES	YES
David Lewis	Member	lewisd@claycorp.com	YES	YES
Matthew Mullen	Member	mullen@nemsi.com	YES	YES
Thursten Simonsen	Member	thursten@simonsens.net	YES	YES
Mitchell Swann	Member	swann@mcdsystems.com	YES	YES
Matthew Dart	Provisional Corresponding Member	matt.dart@mesca.ca		
Seenu Sundararajan	Provisional Corresponding Member	seenuicc@gmail.com		
Casey Younkins	Provisional Corresponding Member	caseyy@etsidvl.com		
William Atkinson	Corresponding Member	bill.atkinson@vtmechanical.com		
David Brown	Corresponding Member	dbrown@unitedhvac.com		
Kevin Brown	Corresponding Member	kevin.brown@abm.com		
Dane Bryan	Corresponding Member	dbryan@wendelenergy.com		
Mike Connor	Corresponding Member	mikec@connorengr.com		YES
Michael Cooper	Corresponding Member	mcooper@mccgroup.com		YES
Kyle Davis	Corresponding Member	kdavis@robinsmorton.com		
Wes Davis	Corresponding Member	wes.davis@acca.org		YES
Jim Fields	Corresponding Member	jfields@superiormechserv.com		YES
Eli Howard	Corresponding Member	ehoward@smacna.org		YES
Stillman Jordan	Corresponding Member	sjordanii@gmail.com		
Daniel Kerr	Corresponding Member	dkerr@burnsinc.com		
Anne Marshall	Corresponding Member	anne.marshall3@honeywell.com		
Sean McKeag	Corresponding Member	sean.mckeag@aecom.com		
Douglas Moore	Corresponding Member	doug@mckinstry.com		
Daniel Pettway	Corresponding Member	dcpettway@cox.net		YES
Donald Prather	Corresponding Member	donald.prather@acca.org		YES
Larry Smith	Corresponding Member	larrys@li-hvac.com		
Lawrence Spielvogel	Corresponding Member	spielvogel@comcast.net		YES
David Underwood	Corresponding Member	dunderwood@hvactrdu.com		
Filza Walters	Corresponding Member	fwalters@itu.edu		
Steven Watson	Corresponding Member	swatson@smacna.org		
Eleftherios Bourdakis	Visiting Guest	elefbur@byg.dtu.dk		YES
Phil London	Visiting Guest	plondon@thermalconcepts.com		YES
Michael Lawing	Visiting Guest	mike.lawing@honeywell.com		YES
Chad Powell	Visiting Guest	chadpowell@servicemechanical.com		YES
Wayne Webster	Visiting Guest	wayne.webster@sympatico.com		YES
John Karakash	Visiting Guest	jtk@resourceprofessionalsgroup.com		YES

## MEETING MINUTES

<p>001 Call to Order, Introductions, Sign In, Roll Call</p> <ul style="list-style-type: none"><li>• Meeting called to order at 10:00am</li><li>• All 9 voting members present, quorum met</li><li>• Agenda reviewed. No changes.</li></ul>
<p>002 Approval of Atlanta Meeting Minutes</p> <ul style="list-style-type: none"><li>• Official meeting minutes from Atlanta were not distributed prior to the meeting. Chair to send minutes to the committee so that a vote of approval can be taken during the February 19 conference call.</li><li>• Chair to place Atlanta and Orlando minutes on the website.</li></ul>
<p>003 Review of Orlando Design Build Track</p> <ul style="list-style-type: none"><li>• Chair reminded the committee that there are (4) programs in the Orlando Design Build track. Seminars 55, 56, 57 and Workshop 5.</li><li>• Some disappointment was voiced at the limited number of submissions from our TC for this program track. Seven were submitted, four were approved.</li></ul>
<p>004 Announcements from Section Meeting</p> <ul style="list-style-type: none"><li>• Adrienne gave the committee a recap of the Section Meeting.</li><li>• Steven Duda won the Hightower Award.</li><li>• (4) new MTGs were added. There are now (9) total MTGs.</li><li>• There is a new TC website template. Chair to work with Webmaster to make sure we are using this appropriately and keeping everything updated.</li><li>• Need to make sure our chairs take the necessary training. Monte Troutman to chair Programs, Mike McLaughlin to chair Webmaster, Adrienne Thomle to chair Standards, and the group does not have a chair for Research or Publications.</li><li>• Program tracks for St Louis were reviewed.</li></ul>
<p>005 Review of Roster and Appointments</p> <ul style="list-style-type: none"><li>• The committee has decided to eliminate having a Research Chair for the time being.</li><li>• Billy Austin has served his maximum term. He will roll off as a voting member</li><li>• Michael Cooper will be added as a voting member.</li><li>• Mitchell Swann will have another year added to his term as a voting member.</li><li>• Mike Connor expressed interest in becoming a voting member next year.</li><li>• All other positions remain the same.</li></ul>
<p>006 2016-2017 Goals and Objectives</p> <ul style="list-style-type: none"><li>• Committee acknowledges that we haven't followed through well recently. The group feels that a monthly check in call could help resolve this issue. Chair to schedule first call for February 19.</li><li>• Adrienne read the TC's listed Scope to everyone so that the group could focus on meeting our intended scope.</li><li>• Committee wants to focus on programs and publications.</li><li>• The group decided that the best path forward is to do limited work for St Louis and instead focus on Las Vegas in January 2017. This gives the group time to fully develop program ideas.</li><li>• The group will use the ListServ to gather feedback from the ASHRAE and contractor communities. Based on the feedback, the team will decide what programs to pursue.</li><li>• A list of topics to be presented on the ListServ was generated. They are:<ul style="list-style-type: none"><li>○ Delegated Design (Eli Howard)</li><li>○ Lean / IPD / Design Assist (Michael Cooper)</li><li>○ Energy Use and First Cost... Where do they clash? (Jim Fields)</li><li>○ Who has the risk? Do engineers know the answer and understand? (Mike Connor)</li><li>○ Owner Education / Owner's Guide (Mitchell Swann)</li></ul></li></ul>

- Design and Construction Contingency (Billy Austin)
- CM at Risk vs Design Build (Thurston Simonsen)
- The individuals listed above agree to develop short blurbs about these topics prior to the February call. The blurbs will then be compiled by the chair for distribution.

#### 007 Programs Update

- Monte Troutman reviewed past suggested topics to see if there was any progress. These included Cx, Life Cycle Cost, Healthcare, Pharmaceutical, Utilities and O/M, DB vs Design Bid Build, and Data Centers.
- The group decided that we would try for (1) program in St Louis. This topic is BIM in Design Build (it takes many forms, mixed expectations, etc...).
- Mitchell to write the abstract for this program. Andy Rhodes, Mike Cooper, and Eli Howard to support.

#### 008 Website, Research, Standards, ListServ Committee Chair Updates

- Chair to talk to Mike McLaughlin regarding who controls the ListServ, what has to be done in order to post to it, etc... and then report back to the committee.
- Chair to upload past meeting minutes to the TC website.

#### 009 Schedule Follow Up Meetings / Final Thoughts / Adjourn

- Chair to schedule a conference call for February 19 at 12pm EST
- Meeting adjourned at 11:55am