



WATER for **TEXAS**
2019 conference

The Story of Texas Water

January 23–25, 2019 | Austin, Texas
AT&T Executive Education and Conference Center

#WaterforTX2019

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Development Board

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STATE OF TEXAS
OFFICE OF THE GOVERNOR

Greetings:

As Governor of Texas, it is my pleasure to welcome you to Water for Texas 2019, "The Story of Texas Water," hosted by the Texas Water Development Board. Thank you for taking an active interest in one of our state's most precious and essential resources: water.

We have seen throughout history the impact water can have on our great state. Planning for and managing this essential resource requires a continuous statewide effort, while also juggling the inevitable occurrences of drought and flood.

Without water, the story of Texas would be quite short, which is why we must learn from the past and take advantage of the present to plan for the future. I commend you for taking an active interest in this effort and hope the knowledge, ideas, and connections gained at Water for Texas 2019 will empower you to return to your communities, colleagues, and families with a reinforced sense of how critical your role is in writing the state's future.

What will Texas' water story look like in 50, 100, and 200 years? It is up to each of us to write the history we want generations after us to know. I am confident that your continued engagement and thoughtful discussion at this conference will lead to innovative solutions and positive impacts.

First Lady Cecilia Abbott joins me in sending best wishes for a successful event.

Sincerely,

A handwritten signature in black ink that reads "Greg Abbott".

Greg Abbott
Governor

Keynote Speakers



**Thursday, January 24,
Opening General Session
8:00 a.m. – 8:45 a.m.**

**Dennis Bonnen, Speaker
of the Texas House of
Representatives**

The Honorable Dennis Bonnen was elected as Speaker of the Texas House of Representatives on

January 8, 2019. Speaker Bonnen has served in the Texas House of Representatives for over 20 years, representing southern Brazoria County and the entirety of Matagorda County. Prior to his election as Speaker, Bonnen served as Speaker Pro Tempore since 2013. He has previously served as chairman of the House Ways and Means Committee; as a member of the House Culture, Recreation & Tourism Committee; chairman of the Sunset Advisory Committee and the House Special Purpose Districts Committee; vice chairman of the Joint Committee of Oversight of Higher Education Governance, Excellence and Transparency; and as a member of the Natural Resources Committee. Speaker Bonnen resides with his wife, Kim, and their two sons in Lake Jackson, Texas. In addition to his legislative duties, he is the CEO and Chairman of the Board of Heritage Bank.

**Thursday, January 24, Lunch
11:45 a.m. – 1:00 p.m.**

**Roy Spence, Co-founder
and Chairman of GSD&M;
Co-founder and CEO of
The Purpose Institute**

Roy Spence is co-founder and chairman of GSD&M, a leading marketing communications and advertising company. Under Roy's leadership, his agency has helped grow some of the world's most successful brands, including Don't Mess with Texas, Southwest Airlines, Walmart, and more. He is also co-founder and CEO of The Purpose Institute, a consulting firm that helps people and



organizations discover and live their purpose. Roy is a Gallup Senior Adviser and works with their teams on global strategy and on the mission and purpose of the most important companies and institutions in the world. He is Gallup's expert on purpose and a champion of Clifton's Strengths Movement. He is a best-selling author and member of the board of directors of the Lyndon Baines Johnson Foundation. Roy is a Distinguished Alumnus of the University of Texas at Austin, a University of Texas McCombs School of Business Hall of Fame inductee, and an American Advertising Federation Hall of Fame inductee.



**Friday, January 25, General
Session 8:00 a.m. – 9:00 a.m.**

**George Hawkins,
Founder and President of
Moonshot LLC; Executive
in Residence at XPV Water
Partners; Chair of Isle, Inc.**

George Hawkins launched his leadership and innovation-

focused consulting business, Moonshot LLC, after stepping down as CEO and general manager of DC Water, where he served for 11 years, including several as a board member. During his tenure, he became well known across the water sector for transforming DC Water into an innovative, customer-driven enterprise, while tripling its investment in clean water. George retains an advisory role with DC Water and its non-profit, Blue Drop. He is an executive in residence for XPV Water Partners, serves as chairman of Isle, Inc., and is on the board of directors of the North American Electric Reliability Corporation. Previously, George was director of the District of Columbia Department of the Environment, served as executive director of several non-profit organizations, and held senior positions with the U.S. Environmental Protection Agency and law firm Ropes & Gray. He holds degrees from Princeton University and Harvard Law School and has taught environmental law and policy for the Princeton Environmental Institute since 1999.

Conference Agenda

Wednesday, January 23, 2019

1:00 p.m. – 4:00 p.m.	Registration, Meeting Level I Zlotnik Family Ballroom Pre-function Area	Exhibitor Registration and Setup
4:30 p.m. – 6:30 p.m.	Registration, Meeting Level I	Attendee Registration
5:30 p.m. – 7:00 p.m.	Zlotnik Family Ballroom Pre-function Area	Welcome Reception and Networking Sponsored by  Exhibit Booths Open

Thursday, January 24, 2019

7:15 a.m. – 4:30 p.m.	Registration, Meeting Level I	Attendee Registration
7:15 a.m. – 6:30 p.m.	Zlotnik Family Ballroom Pre-function Area	Exhibit Booths Open
7:15 a.m. – 8:00 a.m.	Zlotnik Family Ballroom Pre-function Area	Continental Breakfast Sponsored by J.P.Morgan
8:00 a.m. – 8:45 a.m.	Zlotnik Family Ballroom	Opening General Session; Keynote Address by Dennis Bonnen, Speaker of the Texas House of Representatives
9:00 a.m. – 6:30 p.m.	Zlotnik Family Ballroom Salon 5	TWDB Interactive Room Open Visual Texas sponsored by  Explore and interact with Visual Texas, Virtual Sandbox, and more

Breakout Sessions

9:00 a.m. – 10:00 a.m.

	Amphitheater 204, Meeting Level II	Salty Solutions to Our Water Supply Needs <i>Moderator: Kevin Kluge, Texas Water Development Board</i> <i>Panelists: Jorge A. Arroyo, P.E., Freese & Nichols, Inc.; Michael Irlbeck, EPCOR; Peter MacLaggan, P.E., Poseidon Water LLC; Craig Pedersen, Enviro Water Minerals Company</i>
	Room 104, Meeting Level I	Changing the Narrative Through a Statewide Water Campaign <i>Andrew Sansom, Ph.D., The Meadows Center for Water and the Environment</i>
	Zlotnik Family Ballroom Salon 6	Flood Mapping and Modeling: Seeing Is Believing (1 hour TFMA CE credit approved) <i>Moderator: Richard Wade, Texas Water Development Board</i> <i>Panelists: Jerry Cotter, P.E., U.S. Army Corps of Engineers; Kris Lander, P.E., NOAA National Weather Service - West Gulf River Forecast Center; Michael Ouimet, Texas Division of Emergency Management; Kharley Bagley Smith, Hays County Office of Emergency Services</i>



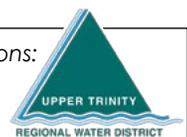
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10:00 a.m. – 10:30 a.m.	Zlotnik Family Ballroom Pre-function Area	Morning Break Sponsored by  RBC Capital Markets
	Zlotnik Family Ballroom Salon 5	Networking in TWDB Interactive Room

Breakout Sessions

10:30 a.m. – 11:30 a.m.

	Amphitheater 204, Meeting Level II	Companies Investing in a Sustainable Water Future <i>Moderator: Brooke T. Paup, Texas Water Development Board – Board Member</i> <i>Panelists: Roian Atwood, Wrangler; Mark Kuettel, Dow Chemical; Anne Monine, Cargill; Mark Yamauchi, Toyota Motor North America</i>
	Room 104, Meeting Level I	Winning the Rate Race: How Much Should I Charge, and How Do I Figure It Out? <i>Moderator: Jessica Zuba, Texas Water Development Board</i> <i>Panelists: Angie Flores, Raftelis; Jessica Garza, City of Alpine; Aubrey A. Spear, P.E., City of Lubbock; Angie Sanchez Virnoche, FCS GROUP</i>
	Zlotnik Family Ballroom Salon 6	Deciphering Drought Through Technology and Tools <i>Moderator: Sam Marie Hermitte, Texas Water Development Board</i> <i>Panelists: Chris Higgins, Brazos River Authority; John Honore, Texas Division of Emergency Management; Victor Murphy, NOAA National Weather Service; Mark Shafer, Ph.D., Southern Climate Impacts Planning Program</i>
11:45 a.m. – 1:00 p.m.	Zlotnik Family Ballroom	Lunch; Keynote Address by Roy Spence, GSD&M and The Purpose Institute The Texas Promiseland: Water Required

Breakout Sessions

1:15 p.m. – 2:15 p.m.

	Amphitheater 204, Meeting Level II	Technology and the Water Industry: Has the Future Arrived? <i>Moderator: Peter M. Lake, Texas Water Development Board – Chairman</i> <i>Panelists: Juan Landivar-Bowles, Ph.D., Texas A&M AgriLife, Research; Michael Murphy, Massachusetts Clean Energy Center; Walter "Buzz" Pishkur, City of Arlington; Will Tynan, Lofic Labs, Inc.</i>
	Room 104, Meeting Level I	You Talked, We Listened: State Flood Assessment (1 hour TFMA CE credit approved) <i>Mindy Conyers, Ph.D., Texas Water Development Board</i>
	Zlotnik Family Ballroom Salon 6	More with Less: Can Texas Grow and Thrive Using Less Water? <i>Moderator: Jennifer Walker, National Wildlife Federation</i> <i>Panelists: Karen Guz, San Antonio Water System; Ian MacLeod, Master Meter, Inc.; Kara Shuror, City of Fort Worth; Keith Sides, U.S. Department of Agriculture - Natural Resources Conservation Service</i>
2:30 p.m. – 3:30 p.m.	Zlotnik Family Ballroom	General Session; Panel Discussion How Do You Tell the Story of Texas Water? <i>Moderator: William McKenzie, George W. Bush Institute</i> <i>Panelists: Stacy Chesney, Denver Water; Corrie MacLaggan, The Texas Tribune; Rich Oppel, Texas Monthly; Asher Price, Austin American-Statesman</i>



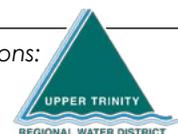
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3:30 p.m. – 4:00 p.m.	Zlotnik Family Ballroom Pre-function Area	Afternoon Break Sponsored by PiperJaffray	REALIZE THE POWER OF PARTNERSHIP.
4:00 p.m. – 5:00 p.m.	Zlotnik Family Ballroom Salon 5	Networking in TWDB Interactive Room	
4:00 p.m. – 5:00 p.m.	Zlotnik Family Ballroom	General Session; Panel Discussion <i>(1 hour MCLE credit approved by the State Bar of Texas)</i> Water Policy and the 86th Texas Legislative Session Moderator: Evan Smith, <i>The Texas Tribune</i> Panelists: Senator Charles Perry, District 28; Representative Tracy O. King, District 80; Representative Poncho Nevárez, District 74	
5:00 p.m. – 6:30 p.m.	Zlotnik Family Ballroom Pre-function Area	Networking Reception Sponsored by	

Friday, January 25, 2019

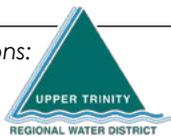
7:15 a.m. – 8:00 a.m.	Zlotnik Family Ballroom Pre-function Area	Continental Breakfast Sponsored by	 www.SaveDallasWater.com
7:15 a.m. – 12:00 p.m.	Zlotnik Family Ballroom Pre-function Area	Exhibit Booths Open	
7:30 a.m. – 12:30 p.m.	Registration, Meeting Level I	Attendee Registration	
8:00 a.m. – 9:00 a.m.	Zlotnik Family Ballroom	General Session; Keynote Address by George Hawkins, Moonshot LLC, XPV Water Partners, Isle Inc. Learning from the Past to Shape the Future	
9:00 a.m. – 12:00 p.m.	Zlotnik Family Ballroom Salon 5	TWDB Interactive Room Open Visual Texas sponsored by	Bank of America Merrill Lynch

Breakout Sessions

9:15 a.m. – 10:15 a.m.

	Amphitheater 204, Meeting Level II	Standing Tall in Our Rain Boots: Building a Resilient Texas <i>(1 hour TFMA CE credit approved)</i> Moderator: Kathleen Jackson, Texas Water Development Board – Board Member Panelists: Billy Hamilton, The Texas A&M University System; Russ Poppe, P.E., Harris County Flood Control District; Patrick Rios, City of Rockport; Joe Ripple, Brazoria County
	Room 104, Meeting Level I	Are We Getting Mussel Fatigue? Invasive and Endangered Mussels in Texas <i>(1 hour MCLE credit approved by the State Bar of Texas)</i> Moderator: Robert Mace, Ph.D., The Meadows Center for Water and the Environment Panelists: Woody Frossard, Tarrant Regional Water District; Robert Gulley, Ph.D., Texas Comptroller of Public Accounts; John Higley, EQO; Cindy Loeffler, Texas Parks and Wildlife Department

Breakout sessions continued on page 8

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Breakout sessions continued from page 7

	Zlotnik Family Ballroom Salon 6	<p>Outward Bound: Building Relationships with the Public <i>Moderator: George Hawkins, Moonshot LLC, XPV Water Partners, Isle Inc.</i> <i>Panelists: Yvonne Forrest, City of Houston; Janet Rummel, North Texas Municipal Water District; Greg Wukasch, San Antonio Water System; Stephanie Zavala, Rogue Water</i></p>
10:15 a.m. – 10:45 a.m.	Zlotnik Family Ballroom Pre-function Area	<p>Morning Break Sponsored by  Enprotec / Hibbs & Todd</p>
	Zlotnik Family Ballroom Salon 5	<p>Networking in TWDB Interactive Room</p>

Breakout Sessions

10:45 a.m. – 11:45 a.m.

	Amphitheater 204, Meeting Level II	<p>To Be or Not to Be: Aquifer-wide Management for Groundwater (1 hour MCLE credit approved by the State Bar of Texas) <i>Moderator: John Dupnik, P.G., Texas Water Development Board</i> <i>Panelists: James M. Griffin, Ph.D., George Bush School, Texas A&M; Marvin "Marty" Jones, Sprouse Shrader Smith; Sarah Rountree Schlessinger, Texas Alliance of Groundwater Districts; Brian Sledge, SledgeLaw Group, PLLC</i></p>
	Room 104, Meeting Level I	<p>The Water Supply and Flood Mitigation Nexus: Can It Work? (1 hour TFMA CE credit approved) <i>Moderator: Jeff Walker, Texas Water Development Board</i> <i>Panelists: John B. Hofmann, LCRA; Gretchen Miller, Ph.D., P.E., Texas A&M University; Stephanie Moore, P.G., Daniel B. Stephens & Associate, Inc.; Michael Reedy, Freese and Nichols, Inc.</i></p>
	Zlotnik Family Ballroom Salon 6	<p>Rewriting Reuse: It's Just Water <i>Moderator: Tom Entsminger, Texas Water Development Board</i> <i>Panelists: Christina Montoya-Halter, El Paso Water; Tommy O'Brien, P.E., City of Abilene; Deborah Vacs Renwick, U.S. Environmental Protection Agency; Anthony Wilson, City of San Angelo</i></p>
12:00 p.m. – 1:15 p.m.	Zlotnik Family Ballroom	<p>Lunch; Panel Discussion Back to the Future: A History of Texas Water Policy (1.25 hours MCLE credit approved by the State Bar of Texas) <i>Moderator: Heather Harward, Heather Harward Consulting, LLC</i> <i>Panelists: Senator Kip Averitt, Averitt & Associates; Senator J. E. "Buster" Brown, The Browns Consulting; Representative Robert R. Puente, San Antonio Water System; Representative Allan Ritter, Ritter Lumber</i></p>

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<p>Charge Your Devices</p>	 <p>Charge your devices at the mobile charging station located in the Pre-function Area across from Zlotnik Family Ballroom Salon 5.</p>	<p>Mobile charging station sponsored by </p>
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TWDB Board Members



Peter M. Lake, Chairman

Peter Lake has served as a Board member of the Texas Water Development Board since December 2015. Governor Greg Abbott designated him Chairman in February 2018. Chairman Lake has held a variety

of financial roles across a number of industries. Previously, he acted as director of research and head of automated trading at Gambit Trading, a member firm of the Chicago Board of Trade and the Chicago Mercantile Exchange. He also served as director of business development for Lake Ronel Oil Company and as director of special operations for VantageCap Partners. He holds a bachelor of arts in public policy with a specialization in economics from the University of Chicago and a master's of business administration from Stanford University's Graduate School of Business.

Kathleen Jackson, Board Member

Kathleen Jackson was appointed to the Texas Water Development Board by Governor Rick Perry in March 2014 and reappointed by Governor Greg Abbott in March 2017. Kathleen has a diverse background representing



agricultural, environmental, industrial, and whole-sale-supply interests, which includes developing and implementing water management strategies for Southeast Texas. As a registered professional engineer, Kathleen served as public affairs manager for one of the world's largest petroleum and petrochemical producers. She was also involved in production agriculture with her late husband. She is a past member of the Lower Neches Valley Authority Board of Directors and the Texas Water Conservation Association. She received a bachelor's degree in chemical engineering from North Carolina State University.

Brooke T. Paup, Board Member

Brooke Paup was appointed to the Texas Water Development Board by Governor Greg Abbott in February 2018. Prior to her appointment to the Board, Brooke served as the director



of legislative affairs for the Texas Comptroller of Public Accounts for four years. She is formerly the deputy division chief of intergovernmental relations and former special assistant for policy and research for the Office of the Attorney General, where she worked on legislative issues, special litigation, and public finance. Brooke has 12 years of state government experience. She earned a bachelor of arts from Texas A&M University and a juris doctorate from Texas Tech School of Law. She is a member of the State Bar of Texas.

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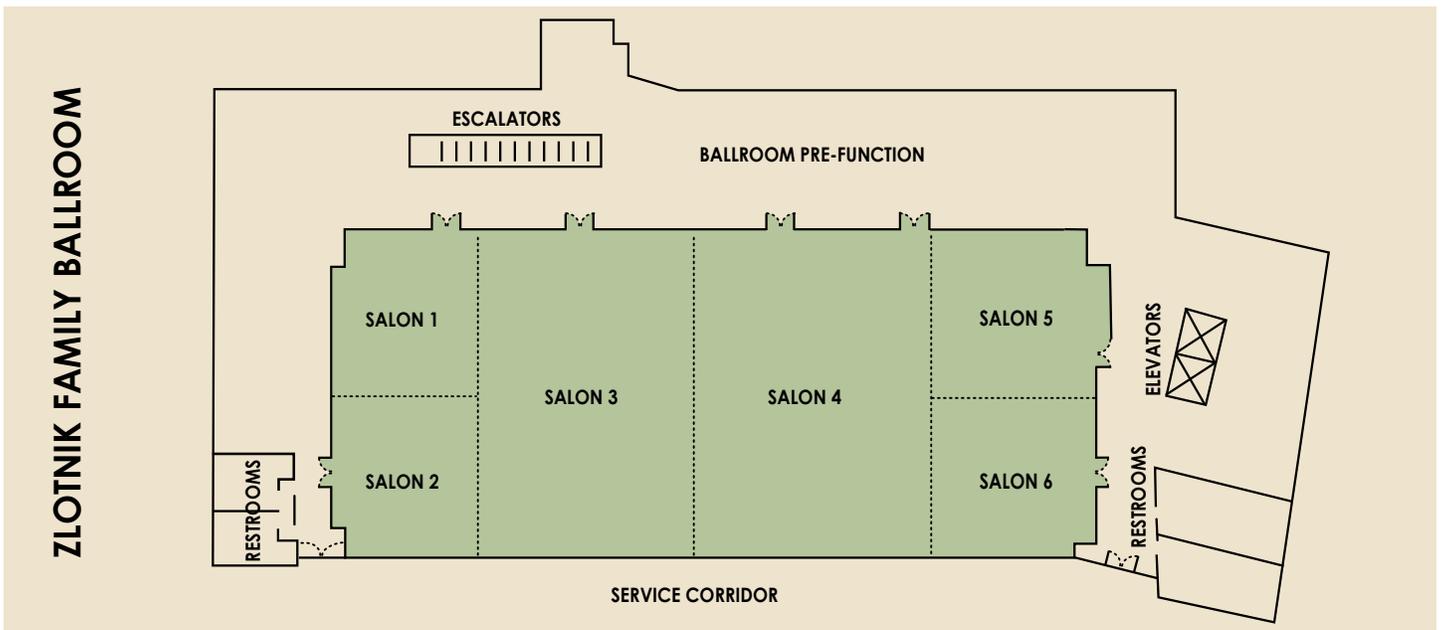
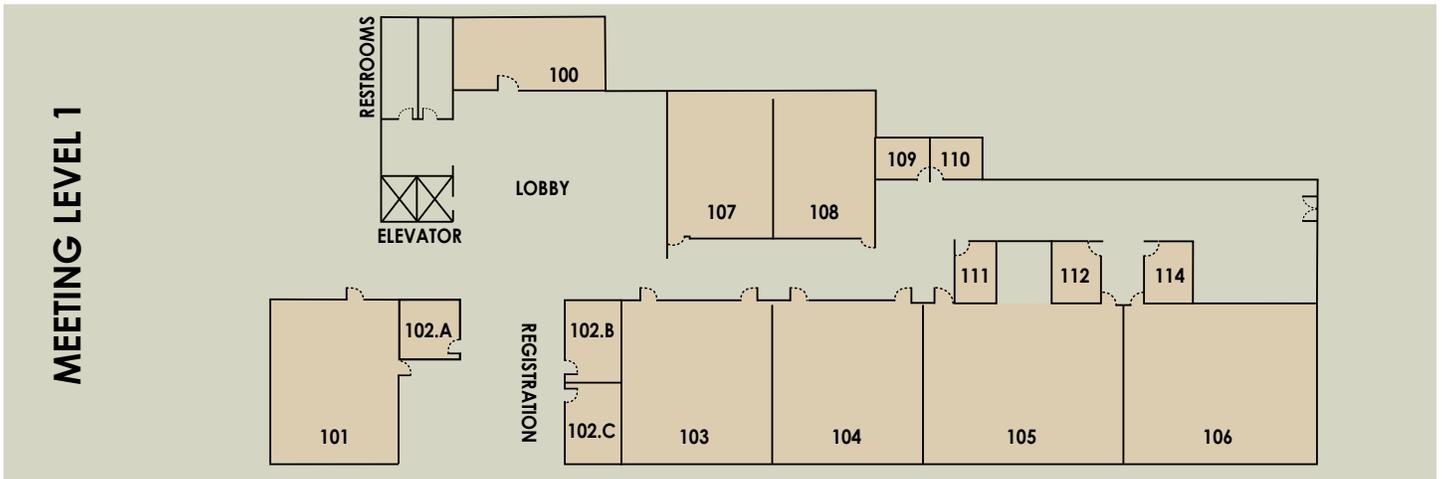
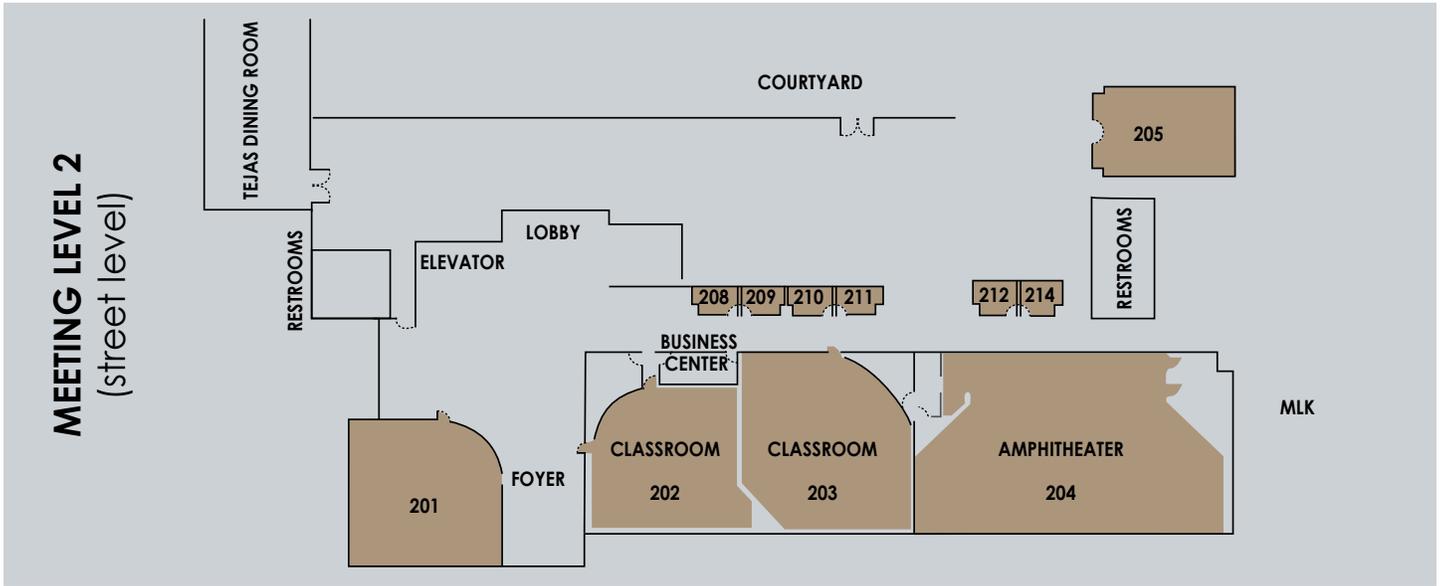
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