



leland a. gray, architect
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FIRM PROFILE

Leland A. Gray, architects, is a partnership architectural firm formed in 2010 under the name Leland A. Gray, architects. The firm was formerly named LPDJ architects prior to 2010 and had been practicing architecture since 2002. The firm specializes in the design of public assembly buildings. From our own experience and the support of our consultants we offer a full range of all design and planning services. For the last ten years we have specialized in utilizing concrete thin shell construction for many of our projects. Our involvement has improved the function, appearance and cost effectiveness of the thin shell style construction for our clients and contractors. Prior to the establishment of LPDJ architects, the Principal Architect in the firm had been the corporate architect for The Church of Jesus Christ of Latter-day Saints, one of the largest private builders in the world. He was responsible for the design and construction of over 400 projects a year in all 50 states and over 100 countries. He has been a licensed architect for 40 years and completed hundreds of public assembly buildings around the world. He is expert in all FEMA, IBC, NFPA, ADA and other relevant code requirements.

The Principal Architect in the firm is Leland A. Gray AIA, RIBA, NCARB

Graduated 1969 University of Idaho - Bachelor of Architecture

1969-1970 - designer for Fraley & Leighton architects, Wenatchee, WA

1970-1973 - design architect for NWD architects - Portland, Oregon

1973-1978 - partner in Harris & Gray architects - Portland, Oregon

1978-2003 - Senior Design Architect - LDS Church - Salt Lake City, Utah

2003-2009 - Senior Partner - LPDJ architects - Salt Lake City, Utah

2009 to present - Senior Partner - Leland A. Gray, architects LLC, Salt Lake City

Current or past member of the following professional organizations:

AIA American Institute of Architects - current member

RIBA Royal Institute of British Architects - current member

NCARB National Council of Architectural Registration Boards - current member

USGBC United States Green Building Council

ASTM American Society of Testing Materials

ICC International Code Council

Licensed Architect, Texas No. 20945

member: American Institute of Architects

member: Royal Institute of British Architects

member: National Council of Architectural Registration Boards

Degrees and certifications:

Bachelor of Architecture - University of Idaho, Moscow, Idaho

Certified Bau-biologist - International institute of Bau-biologie

Master Planning certificate - Harvard University

Theaters for a new century certificate - Harvard University
Theater design certificate - Harvard University
New lives for modern buildings certificate - Harvard University
Adaptive Re-use of older buildings certificate - Harvard University
3d modeling of structures certificate - Stanford University
Project management certificate - Columbia University
Computer management certificate - University of Pennsylvania

Other key personnel who will be involved in the project:

Stewart L. Gray has been a general partner in the firm since 2002. Stewart has 12 years experience in Construction as a superintendent and project manager, he is a diamond certified designer for Mitsubishi Electric HVAC systems, is proficient in use of DataCad virtual building construction and design, is a commercial pilot and speaks fluent Spanish.

Heber Slabbert has been a general partner in the firm since 2013. He has over eight years experience in commercial and institutional projects. He is a graduate of the University of Utah. He is proficient in the use of AutoCad, DataCad and Revit.

JP Bernier heads the Construction Documents staff. JP is proficient in the use of AutoCad, DataCad and Revit. He has coordinated and developed all types of construction documents including Architectural, Civil, Structural, Mechanical, Plumbing and electrical for over 15 years.

Colin P. Reynolds heads our landscape and civil staff. Colin is proficient in the use of AutoCad and has coordinated the design and documentation of hundreds of project over the last 15 years. He is a licensed Landscape Architect.

ICC 500, FEMA 320, FEMA 361 and Department of Defense Antiterrorism Standards projects we designed during the last five years include, but are not limited to:

Faith Chapel Activity Center - Birmingham, Alabama
Greater Alton Community Church - Alton, Illinois
Geronimo High School - Geronimo, Oklahoma - FEMA 320
Wichita County High School addition & renovation - Leoti, Kansas - FEMA 320
Woodsboro High School Gymnasium - Woodsboro, Texas - FEMA 361
Spur High & Middle School gymnasium - Spur, Texas - FEMA 320
Spur High & Middle School Auditorium & Band addition - Spur, Texas - FEMA 320
Locust Grove Early Learning Center - Locust Grove, Oklahoma - FEMA 320
The Children's Reading Center - Palatka, Florida - FEMA 320
Webster County Public Schools Gymnasium - Cumberland, Mississippi - FEMA 361
Monroe County Public Schools Gymnasium - Smithville, Mississippi - FEMA 361
Andrew J. Hopkins Memorial Gymnasium - Crockett, Texas - FEMA 361
McKinley County Juvenile Detention - Gallup, New Mexico - DoD Antiterrorism
Fitness Center - Eielson Air Force Base, Fairbanks, Alaska - DoD Antiterrorism
Buffalo Bill Museum Firearms Center - Cody, Wyoming - FEMA 361
Brownsville Texas Main Library - Brownsville, Texas - FEMA 361
Brownsville Texas Southmost Library - Brownsville, Texas - FEMA 361
Kasson Public Library - Kasson, Minnesota - FEMA 361



Geronimo High School - Geronimo, Oklahoma - FEMA 320



The Geronimo High School Project in Geronimo, Oklahoma, is 45,000sf in area. Because of the time constraints caused by funding challenges, we had only two months to design and document the entire high school. We completed the work within the time allotted, within the budget and had no change orders during construction of the buildings.



The Bridge Activity Center - Birmingham, Alabama - FEMA 320

The Faith Chapel family activity center "The Bridge" took a direct hit from the F5 tornado that put a path of destruction from Tuscaloosa to Birmingham. The building is structurally designed to exceed FEMA 361 requirements, but the roof was covered with ceramic tiles for aesthetic reasons. All the adjacent buildings on the campus were completely destroyed, but the only damage the activity center received were a few hundred broken roof tiles. The facility is 120,000sf in area and cost \$19,000,000. Extensive exotic interior finishes included two NBA sized basketball floors, a 12 lane bowling facility, the world's only cast glass climbing wall, a 500 child fun room, a 500 capacity Bistro, a 500 capacity Disco, a full commercial kitchen to serve 2,500, elaborate sound and theatrical lighting systems and many other expensive components.



Locust Grove Early Learning Center - Locust Grove, Oklahoma - FEMA 361



The Locust Grove Early Learning Center project, located in Locust Grove, Oklahoma, was fully funded by a \$4,500,000 U.S. Department of Education grant. The design was built for \$4,250,000 including professional fees. The building consists of five concrete thin shells and is 45,000sf in area. The building as designed and built complies with FEMA 361.



Woodsboro High School Gymnasium - Woodsboro, Texas - FEMA 361



The Woodsboro ISD gymnasium was the first FEMA 361 full building compliant community safe shelter built in Texas. The project budget was \$2,100,000, but the building bid for \$1,850,000. The building is complete and performing its intended functions admirably.



Andrew J. Hopkins Events Center - Crockett, Texas - FEMA 361



The Andrew J. Hopkins memorial gymnasium is located on the Crockett High School campus in Crockett, Texas. The building is approximately 27,000sf and is a FEMA 361 rated facility. The seating capacity is in excess of 2,000. The project is being built by a Construction Manager and the cost is \$4,494,000 including professional fees, which was within the established FEMA budget. The emergency generator system is designed to power the entire high school campus, not just the shelter. We completed the Construction Documents in just 9 weeks. The building has movable seating components and an extensive theatrical stage system.



Smithville High School Gymnasium - Smithville, Mississippi - FEMA 361

The Smithville High School Gymnasium project is a FEMA 361 project resulting from the almost total destruction of the Smithville High School campus during a 2011 F5 tornado. The building is the first FEMA 361 total building community shelter being built in Mississippi. The building bid for \$2,074,000, which was \$7,000 less than the estimate we had provided. The building is 18,055sf in area and seats approximately 450.



Webster High School Gymnasium - Cumberland, Mississippi -FEMA 361

The East Webster School Gymnasium project is a FEMA 361 compliant project. The project resulted from the almost total destruction of the East Webster High School campus during a 2011 F5 tornado. The building is the second FEMA 361 compliant total building community shelter being built in Mississippi.



Children's Reading Center - Palatka, Florida - FEMA 320

The Children's Reading Center was a USDA funded facility done in cooperation with Florida State University. It is approximately 22,000sf in area and cost approximately \$2,100,000. The facility was not built specifically as a community shelter, but has proven its mettle for the students and teachers during multiple hurricane encounters since its completion in 2008. The building was built to Miami/Dade County hurricane standards and would comply with FEMA 320 standards.



Spur High School Gymnasium - Spur, Texas - FEMA 320



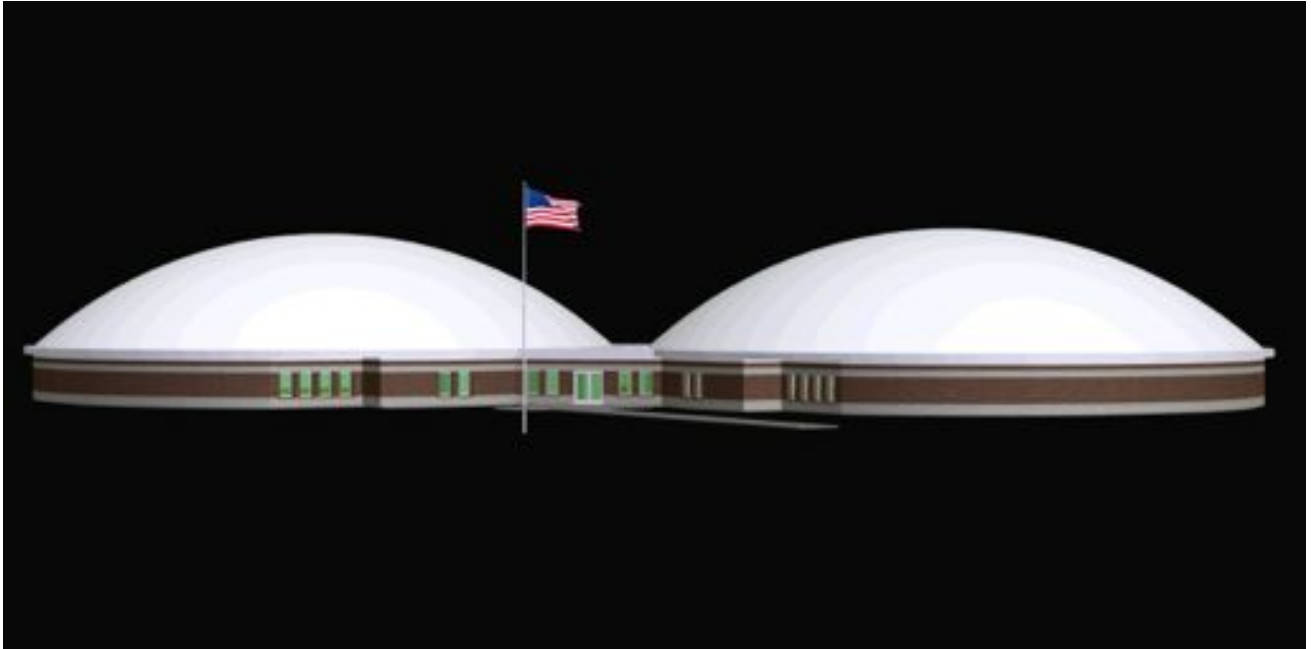
Spur High School Auditorium - Spur, Texas - FEMA 320

The Spur High School Gymnasium and Auditorium project was funded by a local bond issue and was designed to meet FEMA 320 standards. The project is 34,645sf in area and cost \$3,996,000 including professional fees. The auditorium and the gymnasium each seat approximately 450. The project was within budget and completed on schedule.



Locust Grove High School - Locust Grove, Oklahoma - FEMA 361

The Locust Grove High School project was funded by a local bond issue and is being designed to meet FEMA 361 standards. The project is 66,000sf in area and will cost \$6,500,000 including professional fees. The auditorium and the gymnasium seat approximately 1,450. Extremely low energy lighting and European high efficiency HVAC are utilized. The school district had not passed a bond issue for new construction in over forty years, but the experience and the pride the community felt concerning the Early Learning Center that was built for them two years ago, inspired the voters to pass the bond issue with a 75% positive vote.



Shallowater High School practice gyms - Shallowater, Texas - FEMA 361



The Shallowater High School Practice Gyms project was funded by a local bond issue and is being designed to meet FEMA 361 standards. The project is 31,000sf in area and will cost \$3,100,000 including professional fees. The gymnasiums seat approximately 300 each. Extremely low energy lighting and European high efficiency HVAC are utilized. The usual Texas poor soil bearing conditions prevail on the site, but prove little problem for the evenly loaded long span conditions generated by the concrete thin shell design.



Conference Center - Salt Lake City, Utah



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The conference Center is 1,700,000sf and consists of a 21,000 seat performing arts auditorium, a 1,400 seat small theater, 280,000sf of art museum space, a 140 language simulcast translation facility, a full recording sound stage, digital sound and multi-media and a 6 acre rooftop garden all on a ten acre downtown site. The two performance halls are the most sophisticated digital systems currently in use. The large hall has the world's largest digital ERES system (early reflected energy system) to provide adaptable acoustic environments. Costs are not made available.



Wan Chai Center - Hong Kong, China

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Wan Chai Center - Hong Kong, China



Wan Chai Center - Hong Kong, China

The Wan Chai Center is a fourteen story mixed use facility housing the largest family history library in China, and a smaller public library as well as educational, worship and housing components all on a 5,000 square foot site. Full digital sound and multi-media equipped. The cost is not available at the request of the Owner.

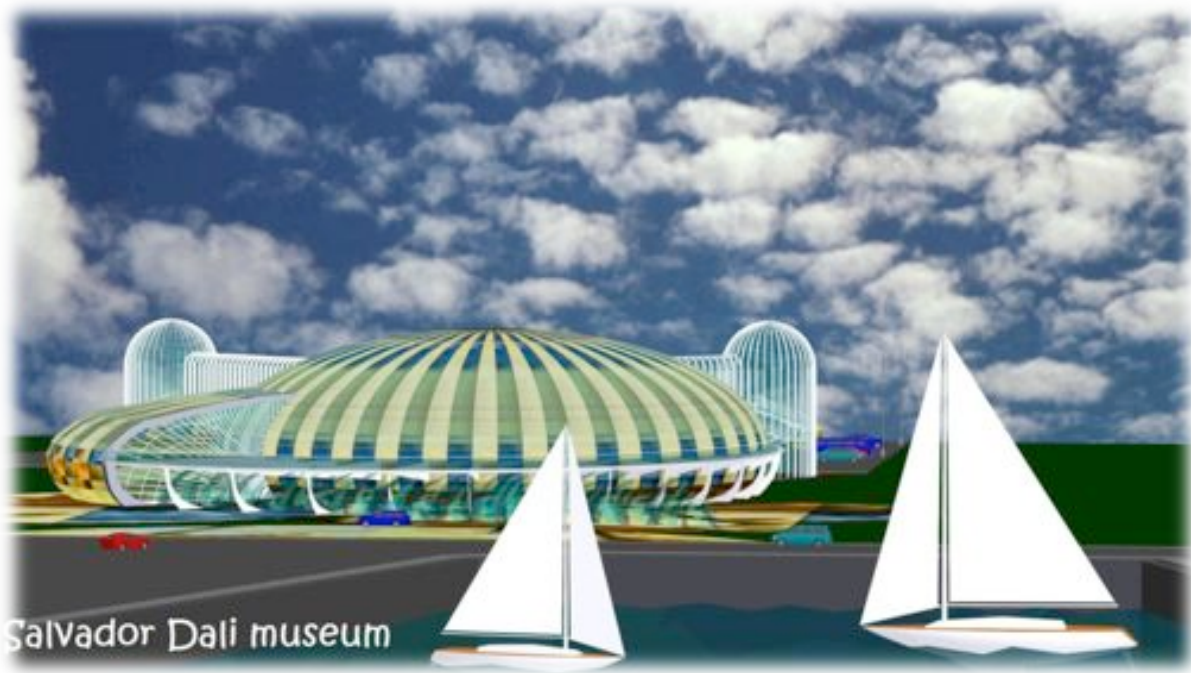


Upper East Side Center - upper Manhattan, New York



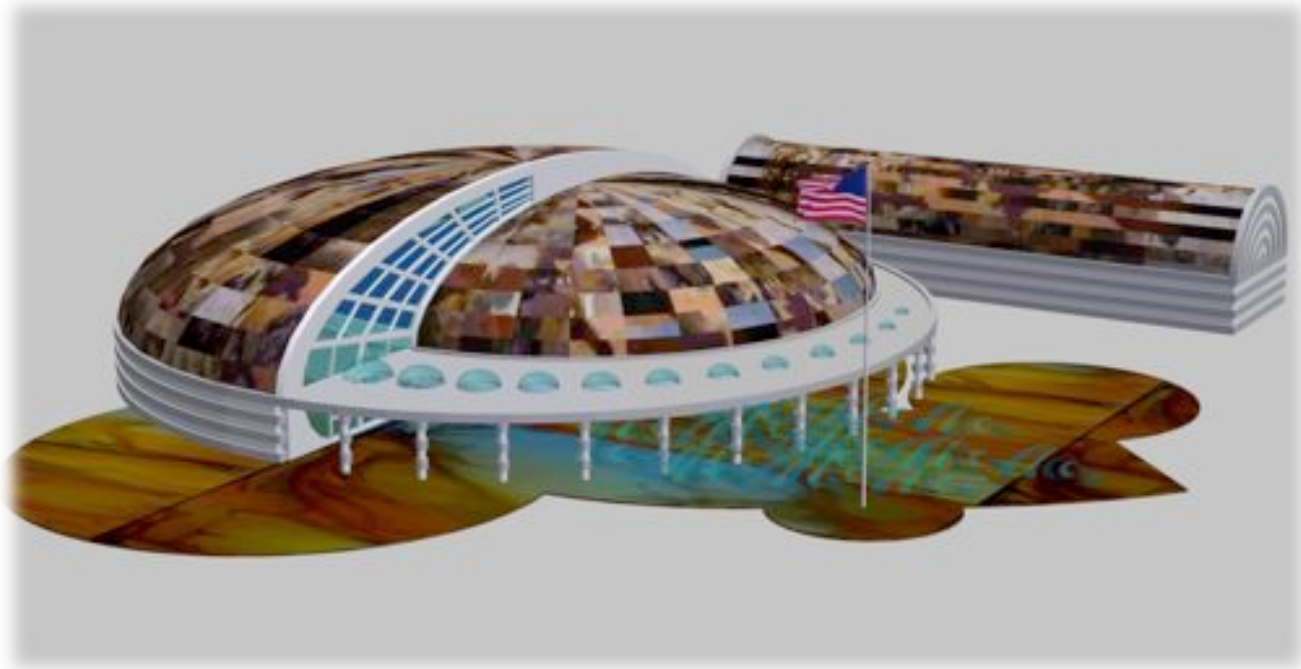
Upper East Side Center - upper Manhattan, New York

The Upper East Side center is five stories tall and houses the largest genealogical library in New York City as well as meeting rooms and educational facilities. Full digital sound and multi-media equipped. Project cost was approximately \$10,000,000.

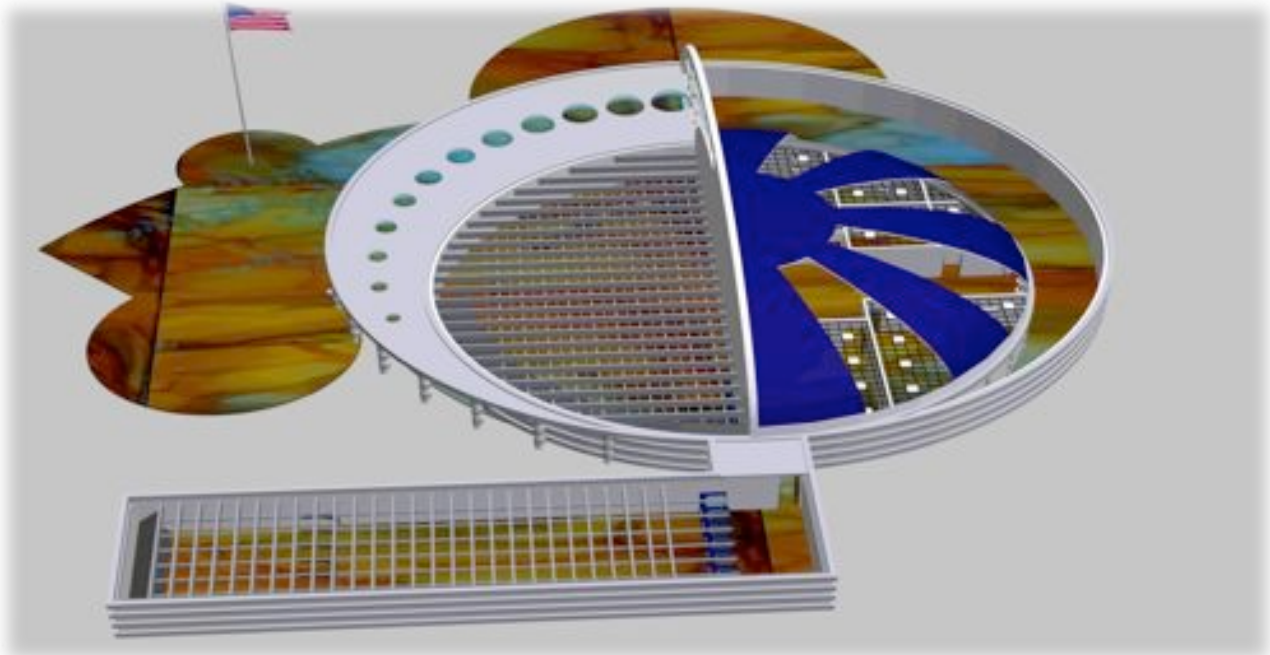


Salvador Dali Museum - St. Petersburg, Florida

The Salvador Dali museum is a research library and art museum in the form of a nautilus shell. Dali was always fascinated by the form of the nautilus. Extremely low energy LED lighting and European high efficiency HVAC are utilized. The cost and final location are not yet publicly available at the request of the Owner.



Buffalo Bill Museum and Library - Cody, Wyoming



Buffalo Bill Museum and Library - Cody, Wyoming

The Buffalo Bill Museum and library is a purely digital facility. Even the gun range is virtual experience with digital ranging, targeting and shooting. The museum is a digitally interactive display with changeable venues as edited by the visitor. Extremely low energy LED lighting and European high efficiency HVAC are utilized. Costs are not made available at the request of the Owner.



Brownsville Main and Southmost Public Libraries and Safe Shelters

The Brownsville Main and Southmost Public Libraries and Safe Shelters are state of the art facilities. The buildings will also house the FEMA operated Emergency Operations Center for the Rio Grande Valley. Extensive digital resources will be included in the project including a domed theater and a planetarium. The buildings are FEMA 361 rated and will utilize extremely low energy LED lighting and European high efficiency HVAC systems. Costs are projected at \$8,775,000 for the total of both structures.