
FEDERAL CHILD DEVELOPMENT CENTERS

Who We Are

When you work with Michael Baker International, your mission is our mission. We proudly partner with the U.S. Navy and government agencies to strengthen infrastructure across the globe. With every project, we leverage the strength of our multidisciplinary firm to provide comprehensive services throughout the entire project lifecycle, from programming through completion. As your partner, we are ready to meet your project challenges wherever support is needed. Our wide range of services include shore facility planning and programming, multi-discipline design, emergency response and disaster recovery.

We keep projects on time and on budget using the right plans, people, processes and partners, many of which are diverse small businesses. Recognizing the value and expertise these companies bring, we are proud to aid in their growth while helping to strengthen critical infrastructure for generations to come.

Michael Baker
INTERNATIONAL

MICHAEL BAKER DESIGNS CHILD DEVELOPMENT CENTERS THAT SEAMLESSLY COMBINE SAFETY, COMFORT AND LEARNING WITH REGULATORY EXPERTISE – CREATING INSPIRING SPACES WHERE CHILDREN THRIVE.



Sharon A. Peterson Child Development Center
Naval Air Station Oceana | Virginia Beach, Virginia

2025 ENR RANKING — TOP 500 DESIGN FIRMS

#27

PROFESSIONALS COMPANYWIDE

6,000+

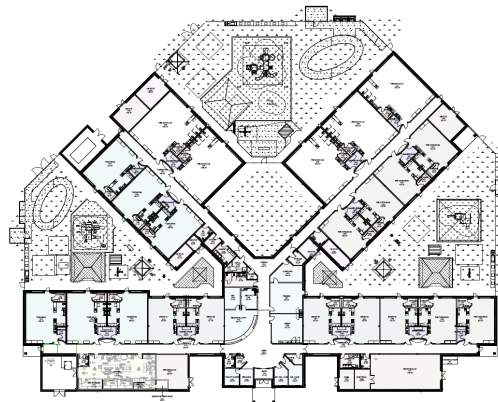
OFFICE LOCATIONS

120+

YEARS OF PROJECT INNOVATION

85+

We Make a Difference



FLOOR PLAN



FLOOR PLAN

Fort Sam Houston Air Force Base [San Antonio, Texas](#)

The child development center (CDC) is designed to accommodate 304 children, ranging from six weeks to five years of age, along with 80 staff members. The CDC covers an area of 41,786 square feet and features five infant activity rooms, six pre-toddler activity rooms, six toddler activity rooms and five preschool activity rooms. The CDC also includes a central administration area and associated support spaces including mechanical, electrical and telecommunication rooms, laundry services, storage areas and a commercial kitchen. Exterior design features fenced-in play areas adjacent to child activity room courtyards and wide sidewalks surrounding the building and parking areas.



Tinker Air Force Base [Oklahoma City, Oklahoma](#)

The CDC is designed with an area of 35,195 square feet and replaces the existing base CDC. Facility adheres to the latest United States Air Force (USAF) facilities criteria for child development centers. Design includes nine infant/pre-toddler activity rooms, six toddler activity rooms, three preschool-age activity rooms, laundry room and commercial kitchen. Additionally, this facility features a tornado storm shelter designed to meet international code council 500 and FEMA criteria requirements.

PROJECT SPOTLIGHT

NEW CONSTRUCTION

- BPA/PDA (FEC/ Region DD1391 and Preliminary Design)
 - *P-1025 CDC NB Coronado, San Diego, California with Alternate Construction Methods (ACM)*
 - *P-2401 CDC MCB Camp Pendleton, San Diego, California*
 - *P-637 CDC NS San Diego, California with ACM*
 - *P-639 CDC NS San Diego, California with ACM*
- Full Plans and Specifications
 - *CDC JBSA Fort Sam Houston, San Antonio, Texas*
 - *CDC Tinker AFB, Oklahoma*
 - *CDC Hill AFB, Salt Lake City, Utah*
 - *School Age Center, Fort Polk, Louisiana*
 - *CDC NS San Diego, California*
 - *CDC NAS Oceana, Virginia Beach, Virginia*
- Design-Build RFP Package
 - *F-35A School Age Facility, Eielson AFB, Alaska*

REPAIR RENOVATION

- Full Plans and Specifications
 - *CDC Tobyhanna Army Depot, Pennsylvania*
- Design-Build RFP Package
 - *CDC Design, Fort Drum, New York*



Sharon A. Peterson Child Development Center, Naval Air Station Oceana | Virginia Beach, Virginia

CAPABILITIES

Michael Baker provides comprehensive project planning, programming support, and conceptual design services tailored to meet the specific needs of CDC facilities. Our expertise ensures that the CDCs comply with various guidelines and standards, providing safe and nurturing environments for providing necessary amenities and features to support quality childcare and development services for children aged six weeks to five years.

Design Guidelines

- Air Force Instruction (AFI) 34-144 Air Force Child and Youth Programs Instruction
- FC 1-300-09N Navy and Marine Corps Design Procedures, with Change 6
- FC 4-740-14F Air Force Child Development Centers
- FC 4-740-14N Navy and Marine Corps Child Development Centers

Unified Facilities Criteria

- UFC 4-023-10 Safe Havens

Codes and Standards

- Architectural Barriers Act (ABA) Standards
- Occupational Safety and Health Administration (OSHA) Regulations

CAPABILITIES

Anti-Terrorism & Force Protection
Architecture & Engineering Design
Aviation Design & Management
Building Information Modeling
Construction Management
Cost Engineering & Management
Cybersecurity for Facility Related Systems
Design-Build & Alternative Project Delivery Methods
Energy Management
Environmental Consulting
Geospatial Information Technology
Military Master Planning
National Environmental Policy Act Compliance
Per- & Poly-Fluoroalkyl Substances Consulting
Program Management
Resiliency Planning & Consulting
Site Development
Site Utility Assessment
Survey, Mapping & LiDAR
Sustainability Consulting
Unmanned Aerial Systems Inspection Services
Water Resource Management
Water & Wastewater Engineering

Visit mbakerintl.com for more information about our capabilities and iconic projects.

TOP CONTRACT VEHICLES

NAVFAC Atlantic – AE IDIQ Multi-discipline General Type Facilities (pending award)

NAVFAC Atlantic – AE IDIQ Oil Management, Waste/Hazardous Material Management, Toxic Substances Control and Other Environmental Compliance (N62470-22-D-0007)

NAVFAC Atlantic – AE Services for Planning & Engineering (W9127825DA008)

NAVFAC Mid-Atlantic – AE IDIQ Multi-discipline Large Projects in Hampton Roads AOR (N40085-24-D-2500)

NAVFAC Southeast – AE IDIQ Multi-Discipline Design Services West AOR (N69450-25-D-1029)

NAVFAC Southwest – AE IDIQ Civil Engineering Services (N62473-25-D-2626)

NAVFAC Washington – AE IDIQ Multi-discipline Design Services for Industrial and Research Facilities (N40080-22-D-0001)

CONTACT

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Michael Baker
INTERNATIONAL

STAFF SPOTLIGHT

DAVID G. NARVAEZ, R.A., LEED GREEN ASSOCIATE

Project Architect



Mr. Narvaez brings specialized experience in designing CDCs that involve unique complexities not found in typical building projects. While they must be aesthetically pleasing and functional like any other facility, they also introduce unique requirements to accommodate and engage the most important users—children. His designs prioritize their safety, comfort and learning environment, while ensuring accessibility and functionality for adults.

Security and safety are at the core of his designs. He develops thoughtful strategies to address scenarios such as lockdowns, intruders, emergency response and fire evacuations. This includes integrating advanced security systems, automated doors, surveillance and carefully planned exit paths. He pays close attention to details like eliminating obscured spaces, positioning door latches out of children's reach, avoiding sharp corners and designing playgrounds free of trip hazards. These considerations create spaces that are both secure and child friendly.

From a site functionality perspective, he designs with efficiency and flow in mind—parent and teacher parking, child drop-off areas, bus routes, kitchen access for food delivery, and emergency vehicle routes are all carefully planned to meet security and ATFP standards. Comfort and accessibility are equally important. He tailors facilities to children's needs, from bathroom and counter heights to lighting, temperature, and finishes, while ensuring compliance with ADA standards for adults.

Finally, he focuses on creating environments that foster learning and exploration. Clear circulation and intuitive wayfinding help children navigate confidently. He maximizes natural light while controlling glare, designs for acoustic comfort and incorporates odor control in sensitive areas. His work is guided not only by standard UFCs but also by the governing documents specific to CDCs, such as FC 4-740-14F and FC 4-740-14N.

QUALIFICATIONS

- M.Arch., 2010, Architecture, University of Texas at Arlington
- B.Arch., 2008, Architecture, University of Texas at Arlington
- Registered Architect, Texas, 2017, 26260
- Registered Architect, Louisiana, 2020, 9314
- LEED Green Associate, 2017, 0011199323

RELEVANT EXPERIENCE

- Child Development Center, Fort Sam Houston, San Antonio, Texas. Architect of Record.
- Child Development Center, Tinker Air Force Base, Oklahoma City, Oklahoma. Architect of Record. 35,379 square foot CDC with 228 dependent children.
- P1025 Child Development Center, Naval Base San Diego, San Diego, California. NAVFAC Southwest. Architectural Designer.
- P-637 Child Development Center Naval Base San Diego, San Diego, California. NAVFAC Southwest. Architectural Designer.
- NBSD P-639 Child Development Center, Naval Base San Diego, San Diego, California. NAVFAC Southwest. Architectural Designer.
- School Aged Center (SAC) Design, Fort Polk, Leesville, Louisiana. New 22,927-square-foot School Aged Center on a seven-acre site. LEED Silver® status using LEED® NC v2.2. Architect of Record.

YEARS WITH MICHAEL BAKER: 17 | YEARS OF EXPERIENCE: 17