YOUR TEAMMATE OF CHOICE

Michael Baker INTERNATIONAL | Stanley Consultants | Stantec

Enabling warfighter mission success since July 2012

Joint Simulation Environment Facility
Edwards Air Force Base, California

WHO WE ARE

The Baker-Stanley-Cardno Joint Venture (BSC-JV) is deeply committed to national defense, with many veterans on our staff. We share your core values of integrity, service and excellence and look forward to placing our team at your service. We are your trusted provider of Title I, Title II and other architect-engineering services for the Department of Defense (DoD). The BSC-JV (Est. 2012) has more than a decade of supporting some of the most complex and challenging programs for the Air Force and Space Force. Our architects and engineers bring innovation to every step of project delivery, including the latest modeling, simulation, visualization, cost estimating and optimization tools. From launch infrastructure to family housing and more, BSC-JV has the resources to help you build resilient installations of the future.

CORE CAPABILITIES

TITLE I

Master Planning
Architecture & Design
Airfield Engineering
Environmental Sustainability
Project Delivery
Asset Management
Technology

TITLE II

Construction Management

WE DELIVER OUR BIG BUSINESS CAPABILITIES WITH THE PRIDE, QUALITY AND CUSTOMER SERVICE YOU EXPECT FROM SMALL BUSINESS.

EXPANDED CAPABILITIES

The BSC-JV stands ready to handle the diversity and complexity of projects that the Air Force needs.

Master Planning

- Adaptive Reuse Plans
- Area Development Plans
- District Plans
- Encroachment Plans
- Energy & Water Resilience Plans
- Installation Development Plans
- Planning Standards
- Traffic & Transportation Plans
- Vision Plans

Architecture & Design

- Americans with Disabilities Act (ADA) & Architectural Barriers Act (ABA) Design
- Civil, Structural & Geotechnical Design
- Communications Distribution Design
- Design Architecture
- Dormitory Design
- Fire Protection & Life Safety
- Landscape Architecture
- Mechanical, Electrical & Plumbing Design
- Pavements Engineering
- Security Engineering with Secure Space/ SCIF/SAPF Design

Airfield Engineering

- Construction Safety & Phasing
- Lighting, Signage & NAVAIDs
- PCASE Pavement Design
- Runways
- Taxiways & Aprons

Environmental Sustainability

- Climate Adaptation Plans
- High-Performance Sustainable Facilities
- LEED® & Green Globes Certification
- Net Zero & Sustainable Design

Project Delivery

- Cost Estimating & DD1391 Development
- Design-Bid-Build
- Design-Build
- Early Contractor Involvement
- Program Integration (Owner's Representative)
- Program Management Office (PMO) Support
- Project Development, PCRs & CCRs

Asset Management

- Bridge Inspection
- BUILDER™ Condition Assessments
- Electrical Distribution System Assessment & Modeling
- Emergency Operations & Response Planning
- FRCS Cybersecurity Resilience Planning
- NextGen IT Migration Services
- PAVER Condition Assessments
- Preventive Maintenance Task List (PMTL) Development

Technology

- Building Information Modeling (BIM)
- Geographic Information Systems (GIS)
- Mobile and Aerial LiDAR Surveying
- Smart Installation Planning
- Technology Use Case Development
- Unmanned Aircraft Systems (UAS) Data Acquisition

Construction Services

- Change Order Management
- Construction Administration
- Construction Quality Assurance
- Construction Scheduling
- Materials Testing

Virtual Warfare Center

Nellis Air Force Base, Nevada

- Michael Baker served as Designer of Record for a 54,000-square-foot SAPF facility.
- Key features include Auditorium with VIP viewing room and accessible stage, briefing rooms and aircraft simulator bays, more than 3,000-square-feet of server "white space" and Flexible mission and traditional support spaces
- Security infrastructure includes ICD/ICS 705 compliant secure envelope with acoustical separation and intrusion detection, access control and surveillance systems
- Construction Cost: $29 million

Permanent Party Dorm B331 Renovation

Altus Air Force Base, Oklahoma

- Developed 100% IFC design documents for a full multi-disciplinary Design-Bid-Build renovation of the dormitory (B331), meeting all UFC and AFI 32-6000 standards.
- Design included upgrades to mechanical, electrical, structural, plumbing, fire protection, civil, cybersecurity, communications and environmental systems
- Delivered scheduling, cost estimating, DD1391 drafting, and compliance with codes and standards, and addressed hazardous materials and site drainage issues
- Construction Cost: $20 million

C-5/C-17 Fuel Cell Maintenance Hangar

Dover Air Force Base, Delaware

- Designed a 84,176 square foot maintenance hangar for C-5 and C-17 aircrafts, integrating civil, structural, architectural, interior, mechanical, electrical, telecommunications and fire protection engineering.
- Implemented a fast-track design schedule to address flight line constraints, ensuring support for aircraft maintenance, repair and inspection under complete cover.
- Integrated sustainable features like energy-efficient systems, water use reduction, and recycled materials, aiming for LEED Silver® certification.

THE JV BRINGS TOGETHER THE COMBINED CAPABILITIES AND RESOURCES OF THREE FIRMS

YEARS OF EXPERIENCE

230+

COUNTRIES WITH COMPLETED PROJECTS

120

JOINT VENTURE PERSONNEL

36,000+

ACTIVE & RETIRED MILITARY PERSONNEL

450+

OFFICE LOCATIONS

550+

KEY CONTRACTS

AE NEXT Pool 1 and Pool 4

CONTACT

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Annual Training-Mobilization DFAC

Fort McCoy, Wisconsin

- State-of-the-art, cost-effective dining facility for 1400+
- Design charrette to ID preferences & alternatives
- Targeted energy charrette
- Life-cycle cost analysis of mechanical system
- 40%+ energy reduction from the ASHRAE 90.1 baseline
- Efficient building envelop w/ Cutting-edge "cold roof"
- Modern, compliant fire detection and protection system
- Construction Cost: $14 million

COMMITMENT TO EXCELLENCE | PROVEN TRACK RECORD | EXCEEDS EXPECATIONS

Michael Baker International

Michael Baker International is a leading provider of engineering and consulting services and has been solving some of the world's most complex infrastructure challenges for more than 85 years. With more than 90 offices nationwide, we partner as a trusted adviser to the communities we serve, making them safer, more accessible, more sustainable, and more prosperous. We challenge the status quo and share a world of diverse experience and an impassioned entrepreneurial spirit. We deliver quality of life. *We Make a Difference.*

Stanley Consultants, Inc.

Stanley is a multi-discipline engineering firm serving industrial, international, government, commercial and utility clients in all 50 states and 110 countries. Stanley has provided designs on over 100 permanent and expeditionary air bases and military installations and has proven expertise in installation master planning, design and construction management for delivery of the full range of Air Force facility types and mission sets.

Stantec

Stantec is a global leader in sustainable engineering, architecture, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible. The Stantec community unites more than 31,000 employees working in over 450 locations across 6 continents.

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