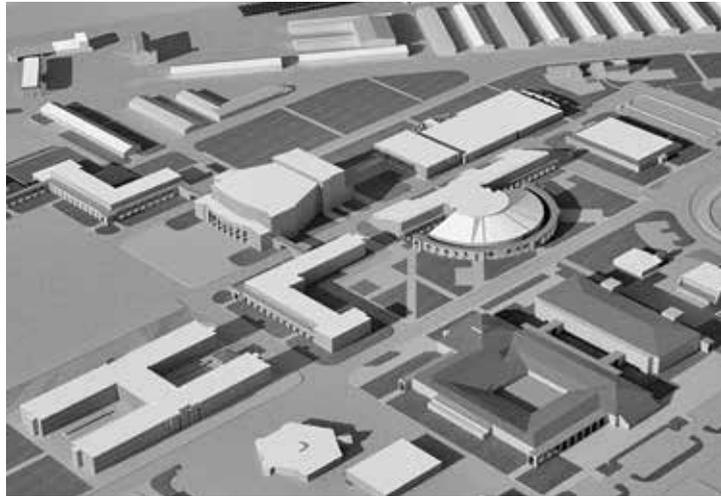




## ENCROACHMENT PLANNING

Unique among consulting firms, MAKERS has worked to address encroachment issues both directly with military installations and by serving adjacent communities. In recent years, the firm has completed encroachment action plans for naval stations and air stations, developed noise management tools for an outlying airfield, and analyzed the risk to in-water testing ranges from shoreline urbanization. Capitalizing on this military experience, MAKERS was hired to lead the Joint Land Use Study (JLUS) for Naval Base Kitsap and Naval Magazine Indian Island. The work addressed how local and county jurisdictions can reduce incompatible uses near one of the largest concentrations of Naval installations in the United States. Following the success of that project, the firm was contracted to complete a similar study for SUBASE New London, which serves as one of the Navy's largest submarines homeports and trains most submariners.



## MARINE CORPS RECRUIT DEPOT (MCRD) SAN DIEGO

After successful completion of a UFC 2-100-01 compliant Master Plan for MCAS Yuma in 2014, MAKERS was contracted to develop an updated Master Plan for MCRD San Diego. The ongoing work will provide the historic installation with a Master Plan that meets the requirements of all current Department of Defense and Marine Corps guidance. The planning focuses on sustaining an installation where many facilities were built in the 1920s, most of the population stays for only 12 weeks (i.e. recruits), and land is limited. Unlike other Master Plans that are often developed around extensive military construction (MILCON) programs, the MCRD Master Plan is oriented toward mission sustainment, facility optimization, non-traditional solutions, and improvements through incremental change.

A selection of recent MAKERS projects.



MAKERS is accessible through existing federal contracts. Contact Stefani Wildhaber at [stefaniw@makersarch.com](mailto:stefaniw@makersarch.com) for more information.

**MAKERS is a Women Owned Small Business (WOSB).**

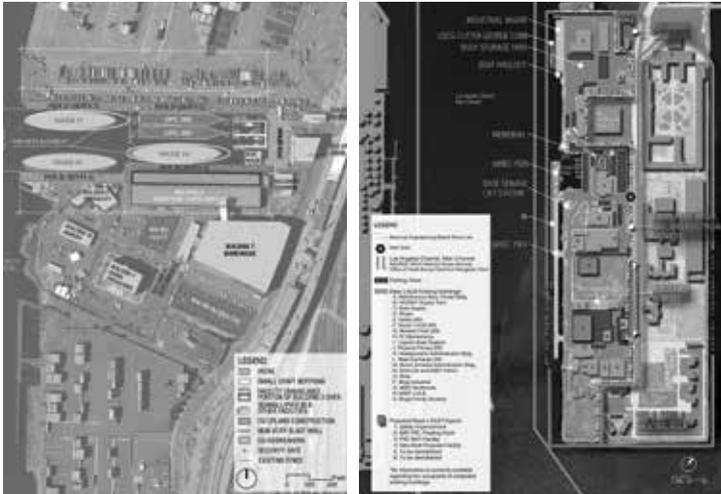
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## Over 30 years of military and federal agency experience

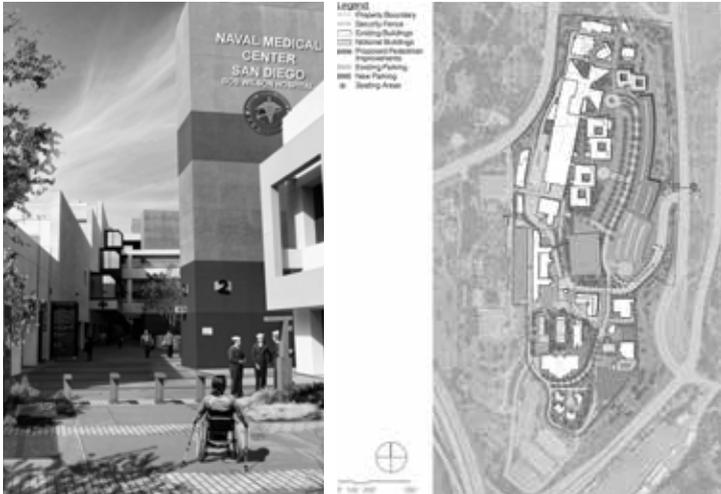
MAKERS is a full-service consulting firm of planners, designers, landscape architects, and sustainability specialists. Our federal services practice, led by Stefani Wildhaber, Julie Bassuk, and Brent Huizingh, has completed hundreds of projects across the Department of Defense and other federal agencies, including master plans, area development plans, the Shore Facility Planning System, facility strategic plans, special studies, waterfront plans, encroachment plans, urban design, and form-based codes.





**OFFSHORE PATROL CUTTERS HOMEPORT FEASIBILITY STUDY**

MAKERS is the planning lead preparing the Homeport Feasibility Study for the Offshore Patrol Cutters (OPCs) in the United States Coast Guard (USCG) Pacific Area. This study is examining eight USCG-selected locations in Districts 11, 13, and 17 for their ability to support a total of ten OPCs to be homeported on the West Coast. The study includes the identification of personnel support services, existing landside and waterside facilities required by the OPCs, a gap analysis identifying potential shortfalls at each location, alternative berthing scenarios, and cost estimates. A 25-year Total Ownership Cost analysis is also included that takes into account infrastructure maintenance and operations, as well as maintenance dredge and lease costs.



**BALBOA HOSPITAL AREA DEVELOPMENT PLAN**

The APA FPD award-winning Balboa Hospital Area Development Plan (ADP) provides a much-needed update to a 1994 Master Plan by responding to current conditions and outlining courses of action (COAs) that will address shortfalls, capitalize on opportunities, and lay out a vision for the next 20 years. The plan demonstrates how Balboa can make smart use of limited real estate, enhance staff and patient mobility, and provide an environment that promotes staff and patient well-being.



**NAS FALLON TOWN CENTER AREA DEVELOPMENT PLAN**

The NAS Fallon Town Center Area Development Plan (ADP) is a follow-up effort to the Installation Development Plan completed by MAKERS in 2014. The project addresses unique challenges on an installation where the population is largely transient. The ADP focuses on creating a concentration of related uses and connecting them with a robust pedestrian network to serve transient sailors without a personal vehicle. Other major components of the ADP include mechanisms to reinforce the existing "small town character" of the air station and developing new strategies for mess facilities appropriate to an installation with a highly variable population.



**MCAGCC TWENTYNINE PALMS, BASIC FACILITY REQUIREMENTS, INFRASTRUCTURE RESET & ASSET AUDIT PREPARATION**

MAKERS is leading three significant and related projects at Twentynine Palms. In addition to the development of comprehensive base-wide Basic Facility Requirements (BFRs), MAKERS is helping installation planners address the Infrastructure Reset Strategy issued by the Commandant of the Marine Corps in late 2016. The effort includes standardized BFRs for similar operating force units, space consolidation studies, and other strategies to maximize facility efficiency. MAKERS is also completing asset audit preparation for approximately 400 facilities at the Main Site and various special areas, including validation of existing data, research of missing information and detailed documentation.