**Project:** Fiscal Year 2023 Andersen Air Force Base and Camp Blaz Main Cantonment Vertical Construction Projects: Phase V (H-283), Phase IV (H-366), Phase VI (H-375), P-411, P-415, P-187, P-308, P-309, P-324, P-325, P-406, P-760, P-870, P-871, J-014, J-035, J-323 and J-402.  

**Date:** 28 July 2022

**Project Location:** Andersen Air Force Base and Marine Corps Base Camp Blaz  

**Prepared By:** MCBCB PWD PRF5.1.2

### PROJECT DESCRIPTION:

The Marine Corps relocation to Guam includes the establishment of a Main Cantonment. This will provide military support functions (also known as base operations and support), headquarters and administrative support, bachelor housing, family housing, supply, maintenance, open storage, community support (e.g., retail, education, recreation, medical, day care, etc.), some site-specific training functions, and open space (e.g. parade grounds, open training areas, open green space in communities, etc.), as well as the utilities and infrastructure required to support the cantonment area. All horizontal development (i.e. utilities and site preparation work) for the Main Cantonment is near completion under the J-001B project. Vertical construction projects are currently awaiting award, together with planning for future development. Note that the federal consistency review of reasonably foreseeable effects initiated by the J-001B project has been resolved under Federal Consistency No. 2017-0018 along with NAVFAC Marianas correspondence Ser EV/750.

As a part of the Marine Corps relocation to Guam, Andersen Air Force Base will host multifamily dwelling units, a youth center and a child development center. Previous housing units on Andersen Air Force Base were outdated, undersized and subsequently demolished. These old housing areas are available for new construction of family housing units. A new youth center and child development center is needed to accommodate the increase of military personnel and their families. The construction of these new facilities will benefit both the Air Force/Marines and their dependents on Guam.

**H-283 Andersen Housing Phase V Replacement (Housing Area, Andersen Air Force Base)**

The H-283 project will construct duplex units of three bedroom or four bedroom single-story family houses. The houses will be reinforced concrete roofs, walls, frames and floors supported by concrete spread footings. The houses are designed to withstand the hot and humid environment of Guam, typhoon winds and strong earthquakes. Unit designs shall match Phases I, II and III E1-E6 designs.

Site improvement to include concrete driveways, sidewalks, curbs, and gutters. Utility mains to include electrical and mechanical utilities. Electrical utilities include primary and secondary electrical distribution systems, electrical transformer with enclosure, telecommunication
distribution systems and exterior lighting systems. Mechanical utilities include potable water
and fire water distribution system, sanitary sewer system and storm drainage system.
Streets to include asphaltic concrete roadways. Site work to include site demolition, temporary
erosion control measures, clearing and grubbing, earthwork, cut / fill, existing fill, grading,
pesticide impacted soil management monitoring and hazardous material remediation. Radon
mitigation system measures are also included.

**H-366 Andersen Housing Phase IV Replacement (Housing Area, Andersen Air Force Base)**
The H-366 project will construct duplex units of three bedroom or four bedroom single-story
family houses. The houses will be reinforced concrete roofs, walls, frames and floors
supported by concrete spread footings. The houses are designed to withstand the hot and
humid environment of Guam, typhoon winds and strong earthquakes. Unit designs shall match
Phases I, II and III E1-E6 designs.

Site improvement to include concrete driveways, sidewalks, curbs, and gutters. Utility mains
to include electrical and mechanical utilities. Electrical utilities include primary and secondary
electrical distribution systems, electrical transformer with enclosure, telecommunication
distribution systems and exterior lighting systems. Mechanical utilities include potable water
and fire water distribution system, sanitary sewer system and storm drainage system.
Streets to include asphaltic concrete roadways. Site work to include site demolition, temporary
erosion control measures, clearing and grubbing, earthwork, cut / fill, existing fill, grading,
pesticide impacted soil management monitoring and hazardous material remediation. Radon
mitigation system measures are also included.

**H-375 Andersen Housing Phase VI Replacement (Housing Area, Andersen Air Force Base)**
The H-375 project will construct duplex units of three bedroom or four bedroom single-story
family houses. The houses will be reinforced concrete roofs, walls, frames and floors
supported by concrete spread footings. The houses are designed to withstand the hot and
humid environment of Guam, typhoon winds and strong earthquakes. Unit designs shall match
Phases I, II and III E1-E6 designs.

Site improvement to include concrete driveways, sidewalks, curbs, and gutters. Utility mains
to include electrical and mechanical utilities. Electrical utilities include primary and secondary
electrical distribution systems, electrical transformer with enclosure, telecommunication
distribution systems and exterior lighting systems. Mechanical utilities include potable water
and fire water distribution system, sanitary sewer system and storm drainage system.
Streets to include asphaltic concrete roadways. Site work to include site demolition, temporary
erosion control measures, clearing and grubbing, earthwork, cut / fill, existing fill, grading,
pesticide impacted soil management monitoring and hazardous material remediation. Radon
mitigation system measures are also included.

**P-411 Youth Center (Andersen Air Force Base)**
The P-411 project will construct a low-rise School Age Care facility adjacent to and
structurally independent from existing youth center facility building 1622. The facility will
generally include child development spaces, core administration, staff support, facility
support, and outdoor activity spaces. 8 additional privately-owned vehicle parking spaces will
be provided adjacent to the site. Fire lanes will be widened to meet code and displaced parking
stalls will be relocated adjacent to the existing building 1622 lot. The new building will be
constructed with concrete roofs, walls, and shallow foundations. Structural system will be comprised of pre-cast concrete or cast-in-place concrete construction with walls, flooring, foundation, windows, roofing, mechanical, electrical, and information systems appropriate to Guam earthquake and environmental conditions. The facility adds capability to the existing Youth Center located at Andersen Air Force Base to accommodate dependents of Marine Corps personnel.

Renovation work will be required to attach to building 1622. HVAC equipment will be replaced or relocated and a new fire safety system installed to tie the new building with the existing. Roof will be modified to work with drainage of the new facility. Drainage from existing gymnasium roof will be redesigned and replaced to prevent existing leakage.

Paving and site improvements consist of pavement for road access, loading zones, curbs, gutters, parking for nonorganizational vehicles and concrete for sidewalks and ramps. The project will also include trash enclosures with concrete masonry unit block walls, mechanical yard for HVAC equipment with block walls, landscaping, pedestrian and bicycle features and a security fence with gates. The ground improvements will include a drainage system consistent with the Low Impact Development, and the storm water pollution prevention plan.

**P-415 Child Development Center (Andersen Air Force Base)**

The P-415 project will construct a low-rise Child Development Center facility with privately owned vehicle parking as a quality-of-life establishment, to provide full and part-day developmental childcare services for children, from ages of 6 weeks old through 5 years of age. The facility will generally include child development spaces, core administration, staff support, facility support and outdoor storage and activity spaces.

Paving and site improvements consist of site demolition, pavement for road access and service access, loading zones, curbs, gutters, parking for nonorganizational vehicles, pavers for fire lane and crosswalk, and concrete for sidewalks and ramps. Provide maximum 2868 sm (3430 sy) asphalt concrete paved parking lot which will consist of approximately 83 parking stalls (49 diagonal parking stalls and 34 90-degree parking stalls). The project will also include trash enclosures with concrete masonry unit block walls, landscaping, pedestrian, and bicycle features. Outdoor playground area will include concrete toy path, shade structures, play structures, matting, outdoor storage, and 5-ft high anti-corrosive chain-link fence with gates. The ground improvements will include a drainage system consistent with the Low Impact Development, and the storm water pollution prevention plan.

**P-187 Brown Treesnake Exclusion Barrier South**

The P-187 project will construct a 3,780 meter exclusion barrier, to limit movement of brown treesnakes, rats, cats, and ungulates such as feral pigs and deer. Height of the barrier is 2134 mm (7 feet). Foundation system consists of direct shallow footings to support the fence posts. Primary structure consists of reinforced concrete slab on grade, T-304 stainless steel mini chain link mesh, stainless steel 304B fence posts and T-304 stainless steel hood, embedded on top of the fence, to prevent snake intrusion into the enclosure. Access pathways and a mainline irrigation pipeline are provided for out planting efforts and the project also provides vehicular and man gates for access for monitoring and propagation of desired species.
**P-308 Law Enforcement Battalion Company A Facility**
The P-308 project will construct a low-rise facility to support Law Enforcement Battalion Company A consisting of administrative space and warehousing at Marine Corps Base Guam. Building will be constructed with concrete or steel frame, concrete walls, cast-in-place concrete roof and precast concrete tile roof, and reinforced concrete foundations. Design will comply with the MCB Guam Installation Appearance Plan, Base Design Standards and the Marianas Navy and Marine Corps Design and Construction Standards. Building flooring, foundation, windows, roofing, mechanical, electrical, and information systems will be designed as appropriate to Guam earthquake and environmental conditions and designed to meet applicable Unified Facilities Criteria.

**P-309 GCE Infantry Battalion 1 & 2 Facility**
The P-309 project will construct a warehouse for the storage of battalion equipment housed inside quadcons, pallet containers and Joint Modular Intermodal Containers. Support spaces include administrative offices and a forklift charging station.

A climate-controlled shop will be constructed for the maintenance and support of electronic equipment on battalion vehicles. The shop will include vehicle maintenance bays, battery rooms, oil rooms, radio shops, general workshops and workstations. Support spaces include offices and conference rooms.

An automotive organizational shop will be constructed for the maintenance and support of battalion vehicles. The shop will include maintenance areas including vehicle maintenance bays, tool and parts rooms, layette space, a battery room and oil room, offices, workstations and dispatch room.

A reinforced concrete four-bay vehicle wash rack will be constructed. Supporting structures will include the wash control building and a vehicle holding shed for vehicles waiting for repairs and service.

**P-324 9th Engineer Support Battalion Headquarters**
The P-324 project will construct low-rise facilities to support III Marine Expeditionary Force 9th Engineer Support Battalion. Buildings consist of reinforced concrete structural frame, walls, floor, roof and concrete shallow foundation system. The administration building includes the battalion/squadron headquarters and company/battery headquarters. The building includes private and open offices, meeting rooms and miscellaneous support spaces. Paving and site improvements include grass pavers, landscaping, access roads and circulation, parking facilities for approximately 80 vehicles, concrete sidewalks, concrete retaining walls and chain link gate, trash enclosure and storm drainage basin/swales.

**P-325 9th Engineer Support Battalion**
The P-325 project will construct low-rise facilities to support III Marine Expeditionary Force 9th Engineer Support Battalion.

An automobile organizational shop building with an automotive organizational shop, construction/weight handling equipment shop and a boat maintenance shop will be constructed. The building will include service bays, direct support spaces, administrative support spaces storage and miscellaneous support spaces.
An electrical/communications maintenance shop building with an electrical/communications maintenance shop, a woodworking shop, an academic training facility and a refueling vehicle shop will be constructed. The maintenance building will include service bays, direct support spaces, administrative support spaces, storage, woodworking equipment spaces with workbenches, training classrooms and miscellaneous support spaces.

Structures for storage of air or ground organic units building with organic storage and general storage will be constructed. The building includes enclosed storage, a covered area for boat storage and support spaces.

A vehicle wash rack facility with two elevated and two on-grade vehicle wash rack platforms, and two prewash baths will be constructed. Built-in equipment includes two bridge cranes (10-tons) one monorail crane (6-tons), one jib crane (2-tons), emergency generator, compressed air equipment, lubrication equipment, welding equipment, and smart grid equipment.

**P-406 Recreation Center**
The P-406 project will construct a permanent low-rise structure with reinforced concrete floor, walls and roof with fluid-applied roofing and concrete shallow foundation. The Recreation Center will include a Lobby, Customer Service Area/Control, Server Room, Computer Room, Game Room, Mini Theater, TV Lounge, Demonstration Kitchen, Library/Quiet Room, Multipurpose Room, Staff Offices, Office Storage, General Activity Storage, Restrooms, Janitor Room, Pay Telephones, Utility support spaces, which include Mechanical, Electrical and Telecommunications Rooms, and a covered Outdoor Gathering Area. Paving and site improvements include asphaltic concrete access roads, parking, concrete sidewalks, trash enclosure, pedestrian features, bicycle shelter, building signage, storm water retention pond, Low Impact Development features consisting of infiltration trenches and mechanical filtration, and landscaping.

**P-760 Training Center**
The P-760 project will construct permanent low-rise structures with reinforced concrete structural frame, walls, floor and roof with fluid-applied roofing and concrete shallow foundation system. Primary facilities consist of a trainer building with operational simulator trainer spaces, applied instruction spaces. Private and open offices, server rooms, meeting rooms, storage areas and miscellaneous support spaces.


Paving and site improvements include Portland Cement Concrete pavement and apron, Asphaltic Concrete (AC) roadway, on-site AC parking facilities for approximately 5 vehicles, off-site AC access roads and off-site AC parking facilities for approximately 131 vehicles, sidewalks, retaining wall, swing gates, trash enclosure, bicycle racks, storm drainage and Low Impact Development basin, landscaping and site demolition.
P-870 9th Engineer Support Battalion Training Complex

The P-870 project will construct training facilities to support III Marine Expeditionary Force 9th Engineer Support Battalion. Facilities consists of a medium-heavy equipment training area (HE Dig Pit), a water supply training area (UT) and a bulk fuel training area (BF). The facilities are designed to train personnel in the operation of combat earthmoving equipment, purification of non-potable water, and the distribution of bulk fuel (using either fuel or non-potable water). Structures shall be constructed of concrete, low-rise facilities with slab on grade foundations, reinforced concrete roofing, windows, mechanical (plumbing) and electrical systems.

The HE Dig Pit is an open pit, filled with soil that will be utilized for training purposes. The grading and earthmoving training operations require storm water runoff sediment control as well as dust control. Included within the HE Dig Pit is a tank trap training area for an excavator to perform with a dozer blade.

The UT and BF includes a bermed concrete pad which will be used for bulk fuel training with fuel. It will also include a concrete-lined pool to collect rainwater to be utilized for water purification training, as well as provide water for bulk fuel distribution training.

Covered Training Area is a single-story, reinforced concrete structure, slab on grade, foundations, roofing, mechanical, bleachers and electrical systems.

P-871 Chemical, Biological, Radiological, Nuclear and Explosives (CBRNE) Training Center

The P-871 project will construct a low-rise facility to support III Marine Expeditionary Force Chemical, Biological, Radiological, Nuclear, and Explosives training. Buildings consists of a reinforced concrete framing, single-story gas chamber training complex with a storage facility. The training complex is designed to train personnel in the use of protective masks due to the effects of CBRNE hazards. Only chemical irritants and other simulated hazards will be used at this facility.

J-014 Physical Training Complex

The J-014 project will construct a permanent, low rise Physical Training Complex structure with concrete walls, floor, and shallow concrete foundation, windows, roofing, mechanical, electrical, emergency power and information systems appropriate to Guam's seismic and environmental conditions and designed to meet applicable Unified Facilities Criteria. The Physical Training Complex will include a gymnasium; fitness areas for structured activities; cardio and weight room; High Intensity Tactical Training center; Unit Physical Training (PT)/Group Exercise area; racquetball courts; recovery room; expanded auxiliary space; family changing room; Health Promotion spaces including a Demonstration Kitchen; locker rooms; showers; restrooms; and administrative spaces, which include offices, workstations, classroom, laundry, mechanical and other support spaces.

The project will also construct a separate Operational Trainer Facility and Outdoor Swimming/Training Pool to support the Underwater Egress Trainer and Physical Readiness program. The Operational Trainer Facility will include: Storage and maintenance area for the Modular Amphibious Egress Trainer (MAET) system, work benches, and open and secured storage; Storage and maintenance area for the Submerged Vehicle Egress Trainer (SVET) system, work benches and open and secured storage; one jib crane to transport MAET
and SVET from storage into the pool; Storage for the Shallow Water Egress Trainer equipment; Shared classroom with associated storage; and Supervisor/administrative personnel space with instructor open office, tool/repair room and associated storage, and; Pool plant room, chemical storage room, showers, lockers, restrooms and other support utility spaces to support the outdoor swimming pool.

**J-035 Education Center**
The J-035 project will construct a two-story education center at Naval Support Activity Marine Corps Base Guam, to provide primary education and family services to Marine active duty and active duty family member populations on Guam. The project will provide an Academic Instruction Facility, Family Service Center, Library, Education Services Office, and Common Areas. The Education Center is a two-story building constructed of cast-in-place concrete framing at the roof and floor framing, columns and walls. Based on preliminary geotechnical recommendations, spread footings can be used. A probing and grouting program may be required to address potential voids and cavities in the site.

**J-323 Base Motor Pool**
The J-323 project will construct a low-rise automotive vehicle maintenance shop consisting of administration areas, restrooms, janitor closet, tool room, vehicle maintenance bays, tire shop, lube storage, battery shop, parts storage, Nursing Mother's room, dispatch room, hazardous materials storage, electrical, telecommunication and mechanical rooms. The automotive vehicle maintenance shop will be constructed with a reinforced concrete shallow foundation, floor slab, walls, and roof. Floors in work areas shall be of non-skid/grease resistant finishes.

This project will also construct a vehicle wash platform consisting of four wash bays and a mechanical room. The vehicle wash platform will be constructed with a reinforced concrete shallow foundation, floor slab, walls, and roof. Floors in work areas shall be non-skid/grease resistant finishes. An automatic car wash, pressure washers, and oil water separators will be provided. Each building will be constructed with building systems appropriate to Guam seismic and environmental conditions, and applicable Unified Facilities Criteria.

**J-402 Outdoor Playing Fields**
The J-402 project will construct outdoor playing fields, restroom building, a recreation pavilion with restrooms and a community playground. Outdoor playing fields consist of a running track with lighted multi-purpose field for soccer and football, a soccer/football field without lights, two lighted baseball/softball field and one baseball/softball field without lights. From the center of the three baseball/softball fields, the field in the northeast and southeast corner will be lighted as the field in the southwest corner will not be lighted. The track with multi-purpose field will be provided with bleachers. The multi-purpose field will consist of a synthetic turf surface. The soccer/football field and three baseball/softball fields will consist of a natural grass surface.

The restroom building consist of concrete slab-on-grade foundation with sealed concrete floors, painted concrete masonry unit walls, precast concrete roof planks with concrete topping, standing seam roofing engineered for typhoon strength winds, light emitting diode lighting with energy saving motion sensors, wet-type fire protection system, impact resistant aluminum windows and doors, and exterior insulated finish wall system. All components such as, exterior walls, flooring, foundation, windows, roofing, mechanical, electrical, and
informational systems shall be appropriate to Guam earthquake and environmental conditions, and designed to meet applicable Unified Facility Criteria.

The status of ongoing and planned future vertical facilities at the Andersen Air Force Base/Main Cantonment, Marine Corps Base Camp Blaz and the current site development plan are presented in Table 1 and Attachment 1, respectively.

PROJECT EFFECTS TEST:

Resources of Primary Coastal Concern (note that none were determined to result in additional reasonably foreseeable spillover impacts from FC No. 2017-008, and all development are confined to lands under federal jurisdiction):

Terrestrial Habitat
No threatened and/or endangered species habitat is present within the project areas. The Andersen Air Force Base (AAFB) sites have been previously cleared and are in areas previously disturbed. The Camp Blaz, Main Cantonment site has been previously and completely cleared of vegetation by the J-001B project.

Cultural Resources
All mitigations for the projects have been addressed for adverse effects to eligible historic properties have been completed in accordance with the 2011 Programmatic Agreement (PA) for the Military Relocation. Since the entire project areas at the AAFB/Main Cantonment has been cleared and graded under, no historic properties remain to be adversely affected by the individual vertical construction projects. Regardless, and although unlikely to occur, each project shall comply with Appendices F and G of the 2011 PA to protect any cultural resources discovered during construction. Also, PA Memos for each project shall still be prepared and submitted to the Guam State Historic Preservation Office (SHPO) for effects to historical/cultural resources; memos can be found online at the Department of Defense Cultural Resources Information website: https://pacific.navfac.navy.mil/About-Us/Cultural-Resources-Information/

Water Quality
Although the entire AAFB/Main Cantonment development area occurs over the Northern Guam Lens Aquifer, since all vegetation clearing and the bulk of ground disturbance have been completed by the J-001B projects or are in previously developed areas, each individual vertical construction project will not be of sufficient scale to influence any surface water conveyance or injection wells to additionally affect coastal zone ground or surface water (marine) resources beyond impacts programmatically analyzed. It is unlikely that coastal zone drinking, or marine habitat water quality would be affected by silt from erosion, hazardous material spills and other pollution sources that may be generated as a result of each individual project’s activities.

Construction design specifications for all projects reference the 2006 CNMI and Guam Stormwater Management Manual, and each vertical project is still required to implement a site-specific Stormwater Pollution Prevention Plan (SWPPP). Since the AAFB/Main Cantonment is located within Guam EPA’s Groundwater Management Protection Zone, certain facilities would be considered “Hot Spots” i.e. present risks to groundwater quality, hence these facilities’ designs shall be in accordance with the 2010 BMPs for Wellhead
Protection and will comply with Guam EPA’s Design Approval Construction Permitting process, where the water/wastewater/stormwater system designs (where applicable) will require Guam EPA review and approval prior to construction. Separate oil/water separators will be installed at certain facilities where necessary for pretreatment prior to entering the sanitary sewer system.

**PROJECT COASTAL CONSISTENCY DETERMINATION:**

In spite of the Navy’s assessment that each individual AAFB/Main Cantonment vertical project lacks above-threshold direct and indirect coastal effects, the following Guam Coastal Management Policies were reviewed to ensure overall program consistency is maintained and to afford BSP streamlined review of borderline cases. The following are the specific assessments for each coastal policy:

**Development Policy (DP) 1 (Shore Area Development):** Development does not affect the Seashore Reserve.

**DP2 (Urban Development):** Area not subject to designations of the Land Use Districting Map.

**DP3 (Rural Development):** Area not subject to designations of the Land Use Districting Map.

**DP4 (Major Facility Siting):** Not a major facility (e.g. utilities, fuel and transportation facilities) subject to policy.

**DP5 (Hazardous Areas):** No development proposed in hazardous areas subject to policy.

**DP6 (Housing):** New housing projects are proposed, which take into account efficient community design, are placed in an area with more than adequate resource support, and take into account the limitation of the island’s resources. These projects are located in areas not highly susceptible to natural or manmade hazards.

**DP7 (Transportation):** No major transportation roadway networks proposed.

**DP8 (Erosion and Siltation):** The overall ground disturbance and larger plan of common development at the AAFB/Main Cantonment was in an area of previous disturbance or completed under the J-001B and original housing development project, to include mass grading to reduce hillside slopes, and provided the framework of the stormwater collection and conveyance system for all future area development. All development complies with the Navy’s Low Impact Development (LID) policy and 2006 CNMI Guam Stormwater Manual, which sets a goal of no net increase in stormwater and sediment or nutrient loading from major renovation and construction projects.

**Resource Policy (RP) 1 (Air Quality):** The minor air emission sources to be installed or built as part of individual vertical projects are not anticipated to result in spillover coastal impacts to air quality. Regardless, all emission sources to be installed as part of each project (e.g. fuel-fired emergency generators, paint booths) will require a construction and operating permit per the Guam Air Pollution Control Standards and Regulations.
**RP2 (Water Quality):** Reasonably foreseeable direct and indirect impacts to coastal zone water quality are not anticipated for each individual AAFB/Main Cantonment vertical construction project, since each individual project will not be of sufficient scale to influence any surface water conveyance or injection wells to affect coastal zone ground or surface water (marine) resources.

**RP3 (Fragile Areas):** The proposed areas of development at the AAFB/Main Cantonment are entirely within previously disturbed areas. The Navy will still comply with the 2011 PA to protect cultural resources discovered during construction, and all applicable conservation measures (including 1000-acre forest enhancement) from the 2015 and 2017 BO shall be implemented accordingly. The 2015 Guam Micronesia Kingfisher Memorandum of Agreement designation of 5,234 acres of habitat to offset impacts of the Marine Corps Relocation remains in place.

**RP4 (Living Marine Resources):** No proposed activities affect the marine environment.

**RP5 (Visual Quality):** Projects will not degrade views from scenic overlooks, highways or trails. Projects follow the Marianas Navy and Marine Corps Design and Construction Standards (MDACS) for architectural design and the MCBCB Installation Appearance Plan for consistency in visual appearance compatible with local practices. These design standards ensure preservation of the island’s scenic resources in a practicable manner.

**RP6 (Recreation Areas):** Projects do not propose to develop recreational facilities pertaining to the marine environment.

**RP7 (Public Access):** No impacts on public access.

**RP8 (Agricultural Lands):** No agricultural lands or activity in this area.

**Coastal Determination:** Individual AAFB/Main Cantonment vertical projects do not have additive direct or indirect coastal effects, and the Marine Corps Relocation Program remains consistent to the maximum extent practicable with Guam’s enforceable coastal policies.
Table 1. Vertical Construction Projects at the Andersen Air Force Base and Marine Corps Base Camp Blaz

Note: This list represents projects covered under this General Negative Determination and shall be updated with the Guam Coastal Management Program semiannually and as project information becomes available.

<table>
<thead>
<tr>
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Attachment 1. Vertical Project, Andersen Air Force Base

H-283 Andersen Housing Phase V Replacement Housing
H-366 Andersen Housing Phase IV Replacement Housing
H-375 Andersen Housing Phase VI Replacement Housing

(Location Map)
P-411 Youth Center
P-415 Child Development Center
(Location Map)
Attachment 1. Main Cantonment Vertical Projects Maps

P-187 Brown Tree Snake Exclusion Barrier South (Location Map)
P-870 9th Engineer Support Battalion Training Complex
P-871 Chemical, Biological, Radiological, Nuclear and Explosives Training Center
J-014 Physical Training Complex,
J-035 Education Center
J-323 Base Motor Pool
J-402 Outdoor Playing Fields
(Location Map)