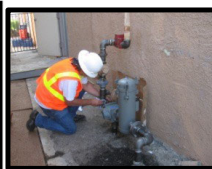
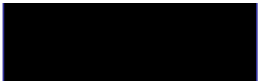
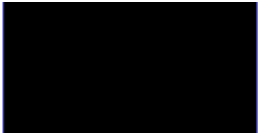
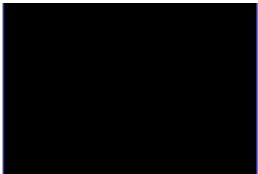




61st Civil Engineer and Logistics Squadron

SAME Orange County Overview

Lieutenant Colonel Ryan Oot, PE



26 January 2023

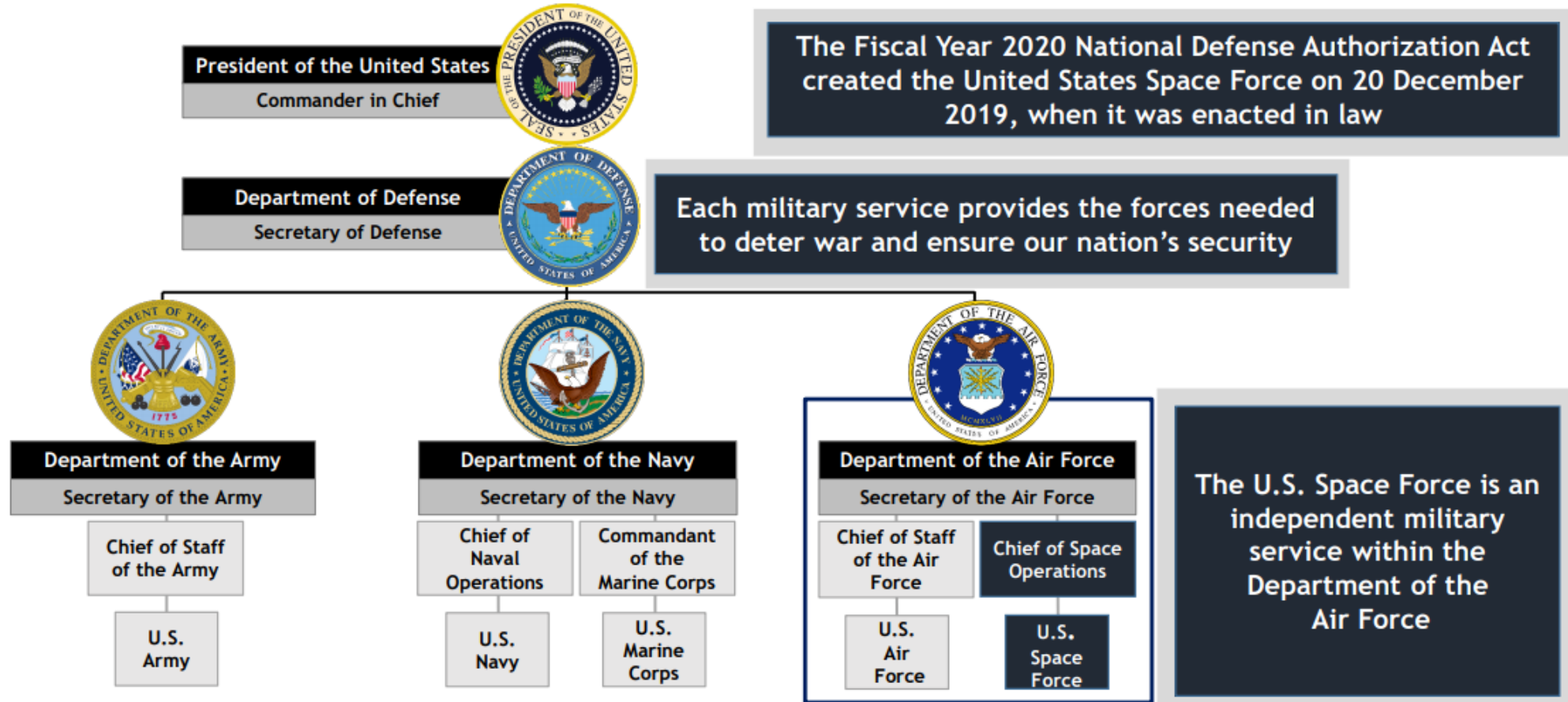


Overview

- **Space Force Overview**
- **LA AFB Installation Support**
- **61st Civil Engineer & Logistics Squadron Overview**
- **FY23-24 Project Program**



United States Space Force Established



The Space Force is the sixth branch of the armed forces and first new military service created in over 70 years

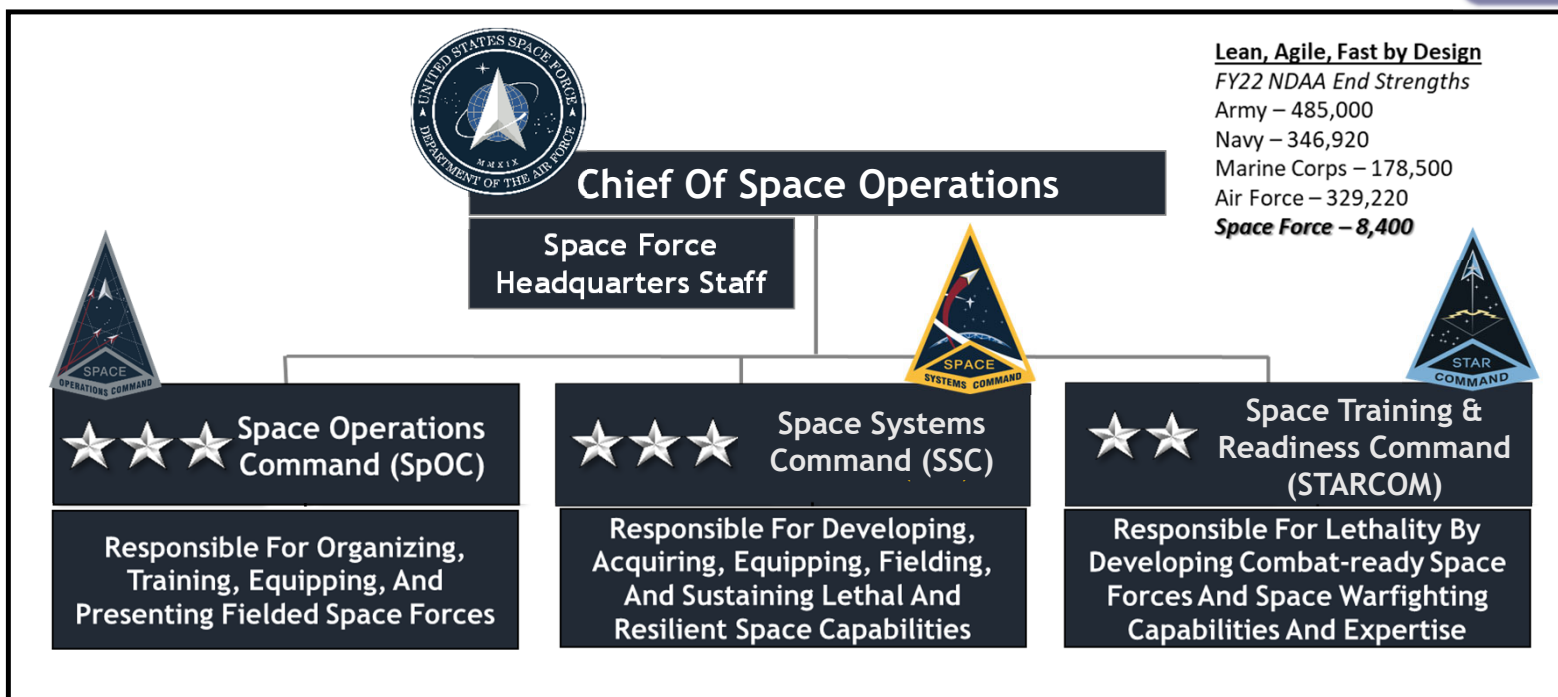


SEMPER SUPRA

U.S. Space Force Organization

Space Force Field Commands Various Locations

End Strength CAO 14 Feb 22	Military	Civilian
Current	6,936	6,720
End of FY22	8,400	*7,600



Mission-Driven Design

Command Hierarchy



- Flattened Structure
- Three Echelons Of Command
- Reduced Overhead

The U.S. Space Force Will Innovate Faster to Outpace Threats from Adversaries



SEMPER SUPRA

Space Systems Command

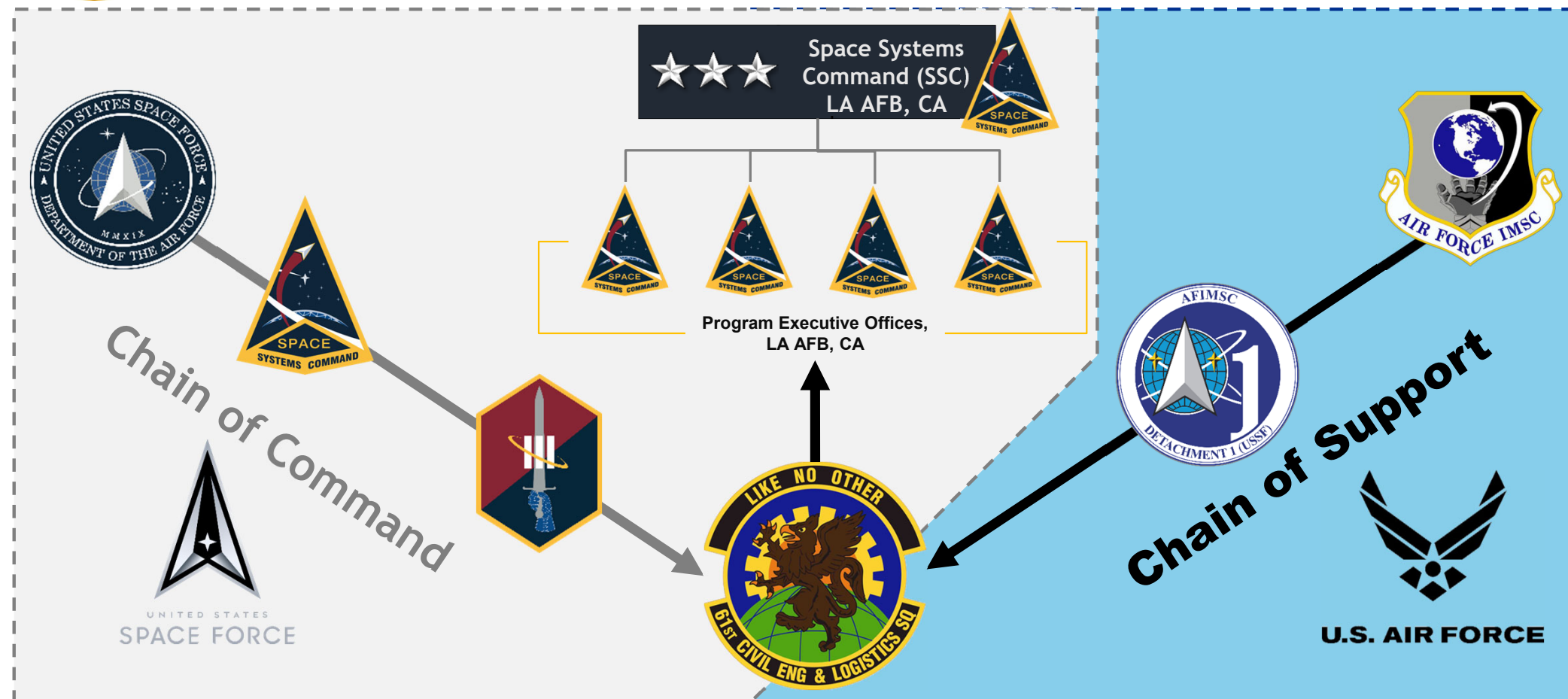


*SSC DEVELOPS, ACQUIRES, EQUIPS,
FIELDS AND SUSTAINS LETHAL AND
RESILIENT SPACE CAPABILITIES*

Space Base Delta 3 provides medical services, civil engineering, communications, chaplain, security, logistics, personnel, readiness, and quality-of-life services to HQ SSC and other Department of Defense units in Los Angeles



LA AFB Installation Support





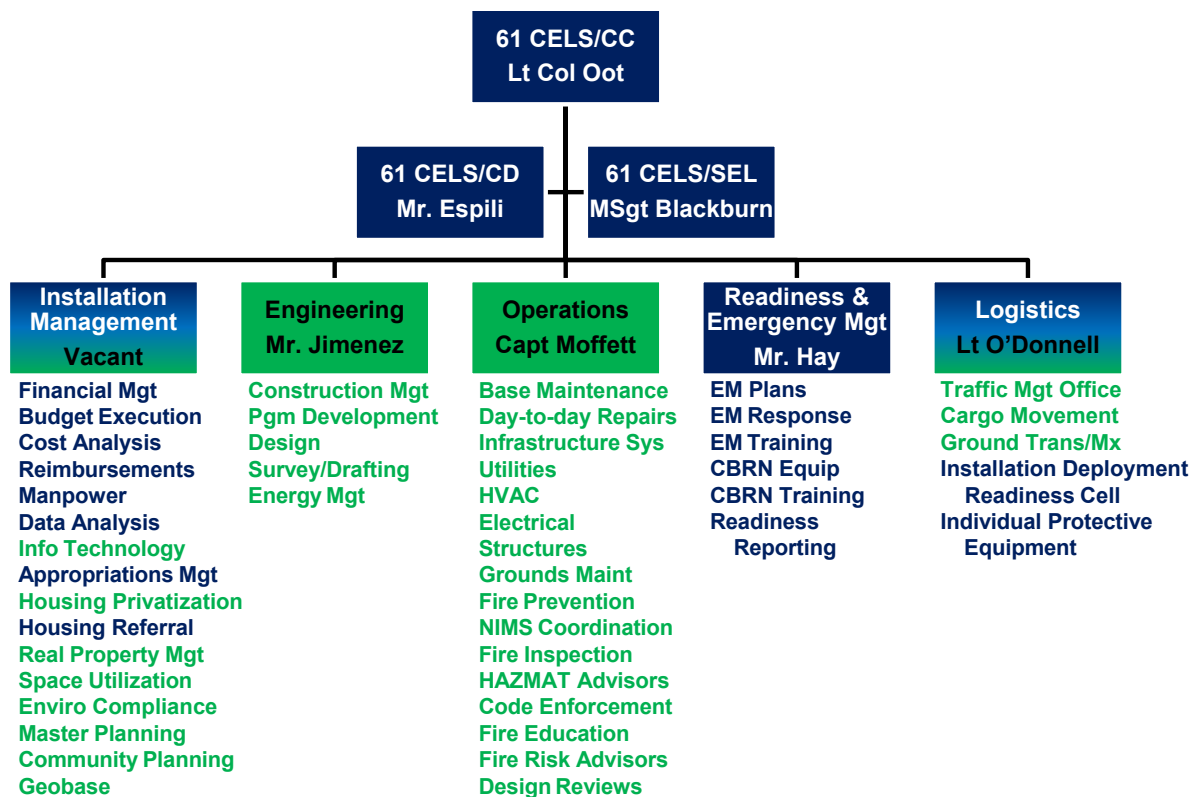
61 CELS Scope of Responsibility



- Infrastructure - design, construct, operate, and sustain
 - LA AFB, Fort MacArthur, San Pedro housing, DCMA Annex, and Camp Parks
 - 220 acres, 65 bldgs, 1.36M sq ft facility space, \$1B plant replacement value
- Housing (including General Officer Quarters)
 - 615 privatized units
 - Off-base housing referrals
 - Dorm management for 23 rooms
- Emergency Management
- Logistics
 - Installation Deployment Readiness Cell (IDRC)
 - Ground transportation and maintenance
 - Individual Protective Equipment (IPE)
 - Personal property, passenger travel, and cargo movement



Squadron Organization



Manpower Summary	
	Auth
Officer	4
Enlisted	10
Civilian	23
Contractor	184
Total	221



Dependent on Local Support

- **Emergency Services**
 - Firefighting and rescue - City of El Segundo or LA County Fire Depts
 - Bomb squad services - LA City or County Bomb Squads
 - HAZMAT and CBRN response - LA County Fire Health HAZMAT Division
- **Utilities, Supplies, Services**
 - High voltage electrical service and maintenance - Southern California Edison or LA Dept of Water & Power
 - Water production & storage - El Segundo Water System or LA Dept of Water & Power
 - Natural gas - Southern California Gas Company
 - Wastewater disposal - LA Dept of Water & Power





FY23-24 Project Program

- **FY23 Facility Sustainment Restoration Modernization (FSRM) Program**
 - **19 Projects: \$38.365M**
 - **FY23 - IMSC Centrally-Funded Projects:**
 - **Convert B271 3rd Floor NC3, LAAFB**
 - **Repair HVAC System, Bldg. 272**
 - **Repair and Renovate Dorm Bldg. System**
 - **FY23 Design - Seismic Retrofit, B271**
- **FY24 FSRM Program**
 - **28 Projects: \$28.283M**
 - **FY24 - IMSC Centrally-Funded Projects:**
 - **Repair Roof System, B271 SSC**
 - **Repair HVAC System Alt Command Post, B410, Ft Mac**
 - **Repair Roof, B270 SSC**
 - **Repair Roof, B252 Base Exchange, LAAFB**
 - **Repair Roof, B425 Youth Center/Gym, Ft Mac**



Ongoing Project Highlights

Title	Description	ECD
Relocate Main Gate ECP	Reconfigure ECP barriers to include utilities, site improvements, pavement with high curbing, communications infrastructure, perimeter fencing, signage, lighting, final denial barriers, and mechanical gate.	Mar 23
Repair Elevator Systems	Repair by replacement of all elevators in Buildings 270, 271, and 272. This includes architectural, structural, mechanical, electrical, plumbing, communications, signage, and interior design work.	Apr 24
Repair HVAC System B270	Replace the refrigeration coils and the compressors on the McQuay HVAC rooftop units and the Carrier chiller units. Repair the dampers, actuators and linkage for McQuay units.	Dec 22
Repair HVAC System B271	Replace the refrigeration coils and the compressors on the McQuay HVAC rooftop units and the Carrier chiller units. Repair the dampers, actuators and linkage for McQuay units.	Mar 23



FY23 Centrally-Funded Projects

Title	Description	ECD
Repair Dorm Bldg. System (Awarded)	Renovate building interior to include the following: sewer system, restroom exhaust systems, kitchen exhaust systems, hot and cold water plumbing corrections, dormitory room smoke detection system, GFCI outlet/panel breaker corrections, gazebo lighting, emergency lighting, exit signs, domestic hot water heating system, and interior painting.	Feb 25
Space Acquisition Mission, 3rd Floor Bldg. 271	Convert Missile and Space RDT&E Facility (~70K sq ft) into SCIF to include selective demolition of interior walls, repair by replacement interior walls, raised flooring system, ceiling systems, lighting, electrical, HVAC ductwork, plumbing, interior doors and frames, interior finishes, including flooring and architectural features.	Apr 25 (est.)
Repair HVAC System B272 (Awarded)	Replace the refrigeration coils and the compressors on the HVAC rooftop units and the Carrier chiller units. Repair the dampers, actuators and linkage for McQuay unit.	Mar 24





FY24 Centrally-Funded Projects

Title	Description
Repair Roof System B271 SSC Facility	Repair by replacement building 271 roof system (modified bitumen) including all flashing, roof drains, walk pads, penetrations, and curbs as appropriate and remove and reinstall the roof mounted photo-voltaic system to accommodate the work.
Repair HVAC System Alt Command Post, B410, Ft Mac	Repair/replacement and upgrade of HVAC systems of the Fort MacArthur B410 building as well as the replacement/renovation of the computer server rooms.
Repair Roof System B270 SSC Facility	Repair by replacement building 270 roof system (modified bitumen) including all flashing, roof drains, walk pads, penetrations, and curbs as appropriate and remove and reinstall the roof mounted photo-voltaic system to accommodate the work.
Repair Roof, B252 Base Exchange	Repair by replacement building 252 roof system (single ply membrane) including all flashing, roof drains, walk pads, penetrations, and curbs as appropriate and remove and reinstall the roof mounted photo-voltaic system to accommodate the work.
Repair Roof, B425 Youth Center/Gym, Ft Mac	Repair by replacement building 425 roof system (modified bitumen) including all flashing, roof drains, walk pads, penetrations, and curbs as appropriate and remove and reinstall the roof mounted photo-voltaic system to accommodate the work.



