

U. S. Coast Guard Training Center (TRACEN) Petaluma

Design/Build – Reduce Small Arms Firing Range (SAFR) Surface Danger Zone (SDZ)

Project Overview

Sustainable Group key personnel performed the design and on-site construction services required to enhance safety and reduce the Surface Danger Zone (SDZ) at TRACEN Petaluma.

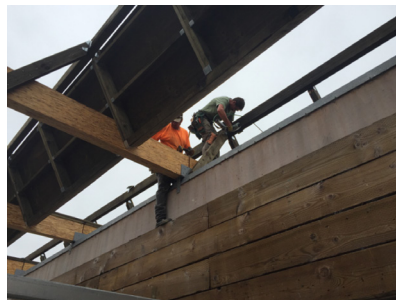
Reference

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Project Manager
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Project Description

Prior to this project's completion, the Small Arms Firing Range (SAFR) at TRACEN Petaluma had been closed for some time due to safety concerns. This project enabled Sustainable Group to investigate, design and construct the rehabilitation of the SAFR at TRACEN Petaluma, to provide a Surface Danger Zone (SDZ) within the fence line of the property and away from base infrastructure. Specifically, the scope of work included design and construction of ricochet catchers along the full depth and width of the SAFR out to the existing earthen berms, design and construction of armored steel safety sidewall system to meet the "No Blue Sky" requirement, design and construction of an armored ceiling system, demolition of existing false ceiling to provide 8 foot vertical clearance as required including relocation of existing cameras, design and repair of existing roofing and corrosion protection of new armored steel ceiling system, design and repair of damaged concrete areas, and replacement of catch basin grates and trench drain grates with new, flush-fit metallic grates.

Sustainable Group key personnel self-performed many of the construction aspects of the project which was completed within budget and after a moderate delay awaiting agreement on the final



Overhead baffle construction



Completed baffle construction

Key Personnel Certifications

PE, LEED AP, PMP, CFM, QSD/
QSP

Sustainable Group is a Service
Disabled Veteran Owned Small
Business Corporation.



Armored steel side wall



Armored steel roof

scope of work. This delay revolved around the contract requirement to use several reference documents, one of which required the use of frangible ammunition. However, the unit did not concur with the switch to frangible ammunition (which disintegrates on contact) and thus some time was needed to develop an agreeable approach with all the project stakeholders to meet the project goals while staying within the funding limits for the project.

About Sustainable Group

Headquartered in Moraga, California, Sustainable Group Inc. is a premier licensed General Contractor (CA #966993, HAZ) providing general construction environmental remediation, demolition, civil site development, and marine construction services. Sustainable Group also offers Leadership in Energy and Environmental Design (LEED) expertise pertaining to renewable energy and sustainable sites, as well as overall facilities management consulting services. Sustainable Group key personnel have over 22 years of experience in successfully executing projects and performing expert facilities management for multiple Federal entities including the Department of Homeland Security, Department of Energy, Department of Defense, Department of Transportation, and the Army Corps of Engineers.

Let's Discuss Your Needs

Sustainable Group will become a highly valued and trusted resource that you'll rely upon to consistently provide expert, efficient and professional construction, remediation, demolition, LEED, and facility management consulting services. Contact us at your convenience; we look forward to discussing your needs.

For more information, call us at **925-899-9721**, or email info@sustainable-group.com.