



Client

NAVFAC Washington
United States Naval Academy, Annapolis, MD

Contract Number

N40080-11-C-00512

Project Name

Construct Rugby Field

Total Project Value

\$533,200.00

Project Summary

REILLY provided NAVFAC with preconstruction field design consultation and value engineering as well as project estimating and budgeting. The contract work consisted of clearing a heavily wooded four acre site to include heavy earthwork, clearing and grubbing, excavation and fill and selective demo of cast-in-place concrete structures. The work also included plumbing, general purpose, basic electrical materials and methods, landscape establishment, chain link fences and gates, sodding, goal post installation, water distribution and an extensive sub drainage system.

Challenges

Meeting the overall goal for design, which was to produce a rugby field that met the functional program needs and incorporated principles of sustainability. Specifically:

- Preserve and restore the site ecosystem and biodiversity; avoid site degradation and erosion. Minimize offsite environmental impact
- Used the minimum amount of energy, water, and materials feasible to meet the design intent; Select energy and water efficient equipment and strategies
- Used environmentally preferable products and decrease toxicity level of materials used
- Reduced construction waste through reuse, recycling, and supplier take-back



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