



NAVY LODGE MILITARY HOUSING

PROJECT NARRATIVE

This 146,500 ft², 205-room Navy Lodge on North Island, Coronado, CA was originally designed as 4-story wood on grade. When the Department of Defense updated their Unified Facilities Criteria, aggressive standards for Anti-Terrorism Force Protection (ATFP), Progressive Collapse, and blast resistance needed to be met. ConXtech's inherently robust structural connection exceeded the criteria and the project was quickly converted to the ConXR structural solution.

CONX SOLUTIONS

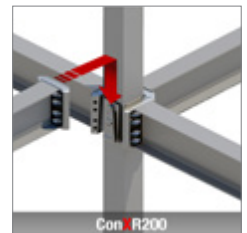
The ConX team supported Integrated Project Delivery and 100% Building Information Modeling integration amongst project trades. The design met requirements for a USGBC LEED Silver Rating.

PROJECT DATA

Square Footage	146,500 ft ²
Steel Assembly Duration	25 Days
Number of Collars	909
Bay Spacing	Varied, 13' to 18'
Structure Weight	732 tons; 10 lbs./ft ²

STAKEHOLDERS

Owner	NAVFAC
Architect	RQ Construction
Engineer	GPLA
Contractor	RQ Construction
Steel Fabricator	ConXtech Manufacturing
Steel Erector	ConXtech Construction
ConXtech Scope	Structural Steel, Decking, Stairs



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