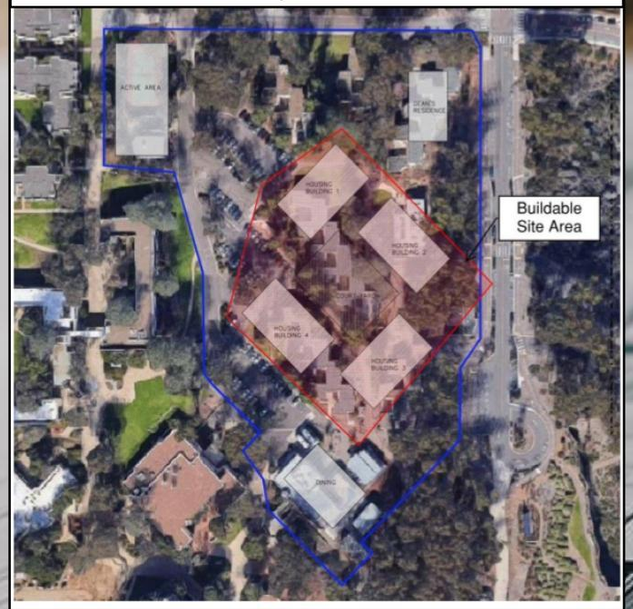
UCSD THURGOOD MARSHALL UNDERGRAD HOUSING

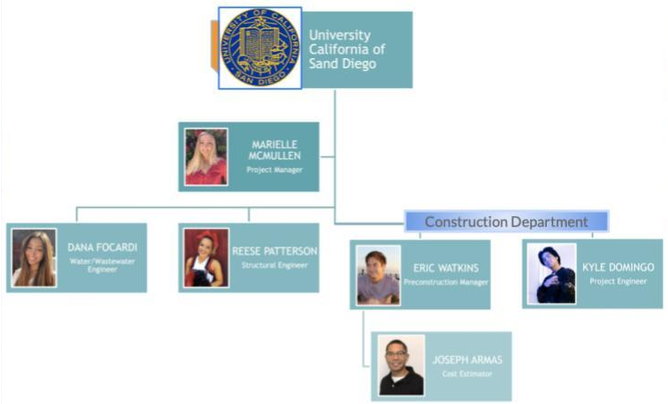
Project Site



Meet the Project Team

2.1

Project Team Organization



Project Design & Construction Approach

01	HIGH QUALITY DESIGN & CONSTRUCTION	• Constructability reviews • Early design assistance (incl. cost estimating & scheduling) • Structural analysis for foundation design & building shell • Adherence to UC guidelines, Owner Expectations, & RFP requirements "BUILD IT RIGHT THE FIRST TIME"
02	SUSTAINABILITY IMPLEMENTATION	• Waste and Wastewater surveys • Development of Storm Water Quality Management Plan (SWQMP) • Additional environmental surveys conducted to minimize potential environmental impacts • Site and impact of development evaluations for potential recommendations for off site improvements
03	ON TIME & WITHIN BUDGET	• Last Planner System and implementation of LEAN methods • Performing quality control and management • Detailed Project Phasing and Proposed Schedules • Weekly meetings to improve budget costs & schedule, along with cost and schedule risks
04	COLLABORATIVE TEAMWORK	• Open communication among all levels of the project team • Active communication and cooperation with the Owner • Prequalification plan/process for subcontractor trade selection • The right people for the job, also bring the right people for the job • Trade specific kick-off meetings
05	COMMITMENT TO SAFETY	• Required specific on-site safety training for all personnel • Implementation of public safety controls (e.g., dust screen fencing, safety cones, protected walkways) • Frequent Identification of Job Hazards related to current/prior work scope • Environmental Safety; SWPPP

	Risks/Limitations	Impact	Strategy/Solution Approach
1	Site Utilities & Unknown Site Conditions	Budget & Schedule	• Obtain as-built/previous drawings of site utilities & site conditions • Perform a detailed site conditions analysis to support design • Perform/contract a Geotechnical report

2	Public Safety on an occupied campus	Budget & Schedule	• Communicate and coordinate with UCSD campus to:
			  ○ Protect public access
			  ○ Determine construction days/hours & delivery/haul times
			  ○ Determine a site logistics & site utilization plan
			• Implement safe work practices

3	Environmental Impacts & Protecting existing site landscape	Site Conditions, Environmental Concerns, Support of Conceptual Design	• Adhering to LEED certification criterion • Analyzing impact of development • Recommending improvements
4	Potential capacity limitations for water and wastewater	Site Conditions, Environmental Concerns, Support of Conceptual Design	• Include water and sewer studies to calculate demand for project • Use studies and calculations to provide recommendations and safety factors for potential capacity increase
5	Potential limitations in the quantity of stormwater runoff capture	Site Conditions, Environmental Concerns, Support of Conceptual Design	• Develop effective means of capture • Develop effective means of storage within an underground storage tank

Project Objective

To accomplish the goal of design and construction in compliance with the requirements of the Project: **UCSD Thurgood Marshall Undergraduate Housing**. It is the responsibility of our project team to provide the Design-Build services necessary and ensure collaboration and cooperation with UCSD and The Board of Trustees.

"The collaborative culture at Poseidon Engineering is a key driver in delivering desired outcomes because it allows our project participants to have a level of trust and cooperation among the team. It is a standard of our work environment to have open and frequent communication." - Marielle McMullen *Project Manager*