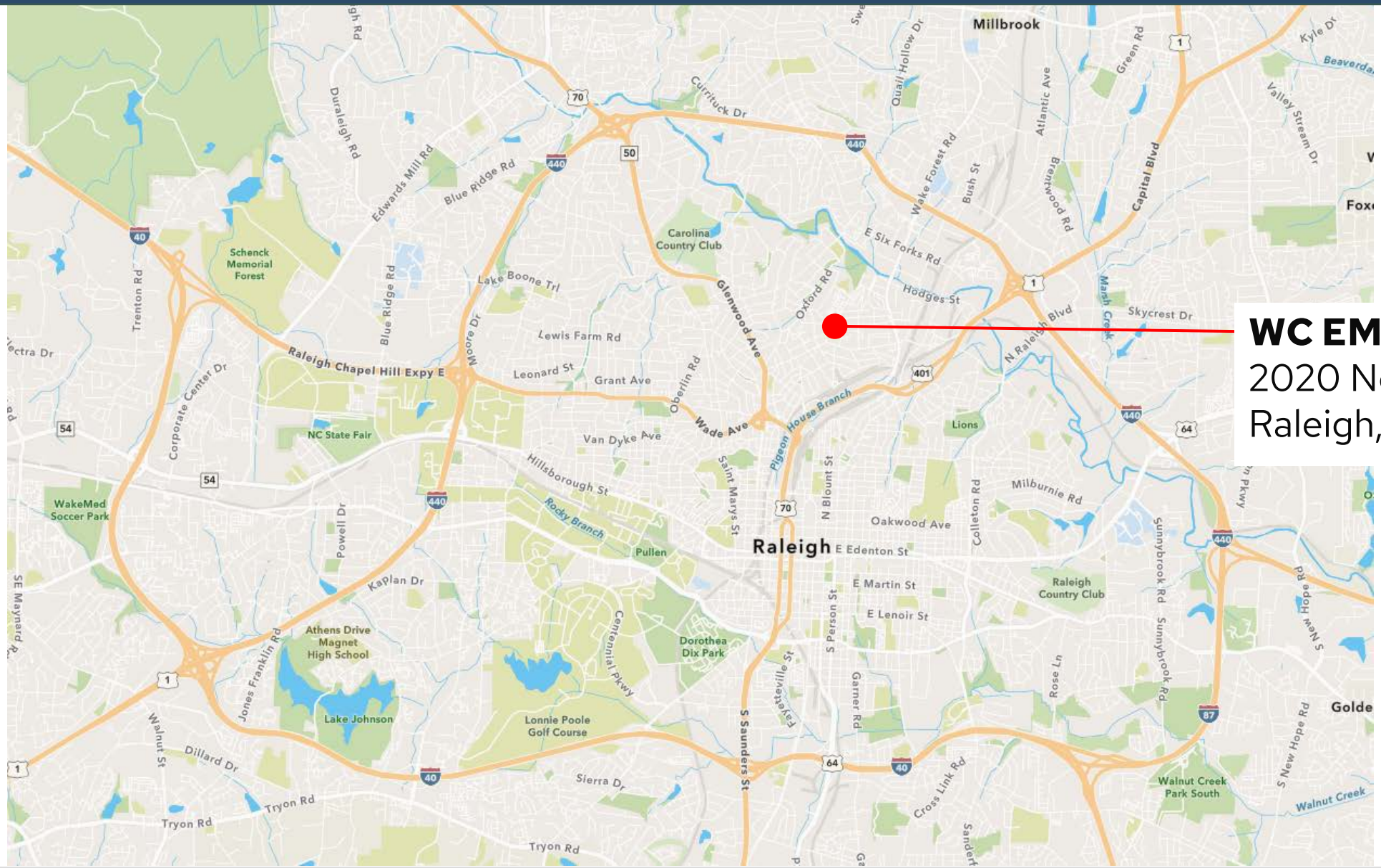
Wake County EMS Station 2

Schematic Design

April 21, 2025

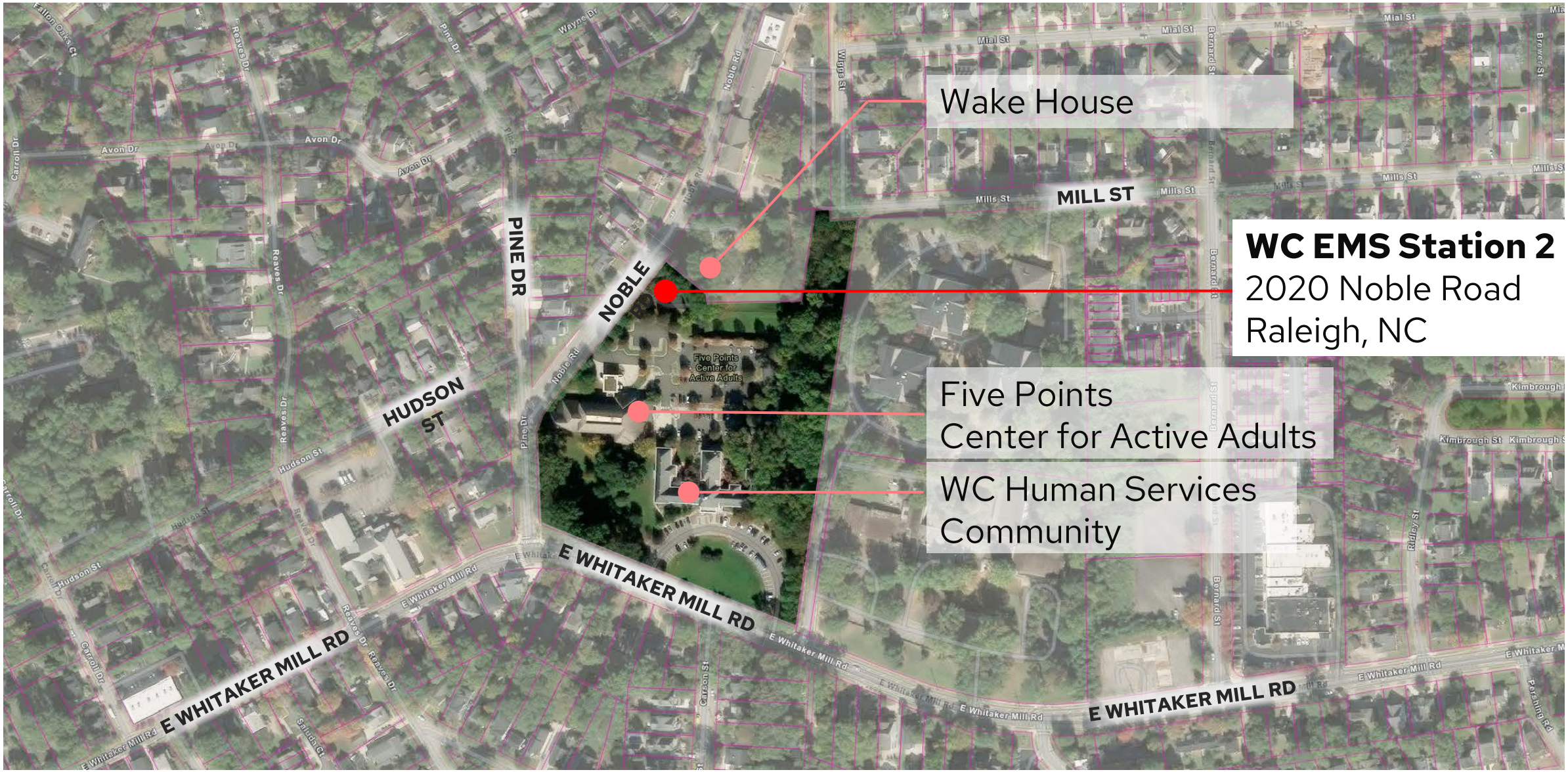
WAKE COUNTY
NORTH CAROLINA

EMS Station 2 – Location



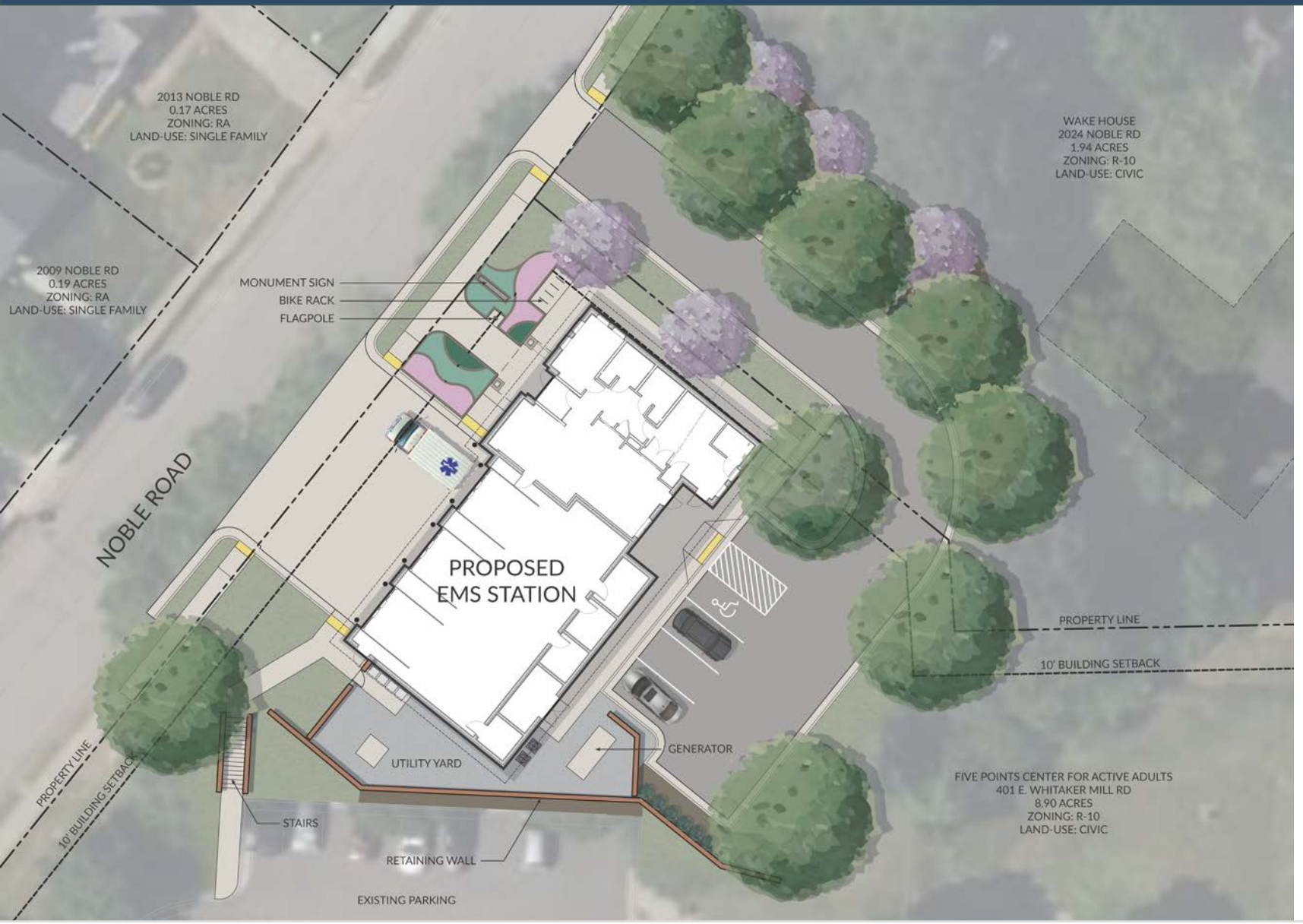
Source: NC OneMap Parcels

EMS Station 2 – Area Map



Source: NC OneMap Parcels

EMS Station 2 – Site Plan



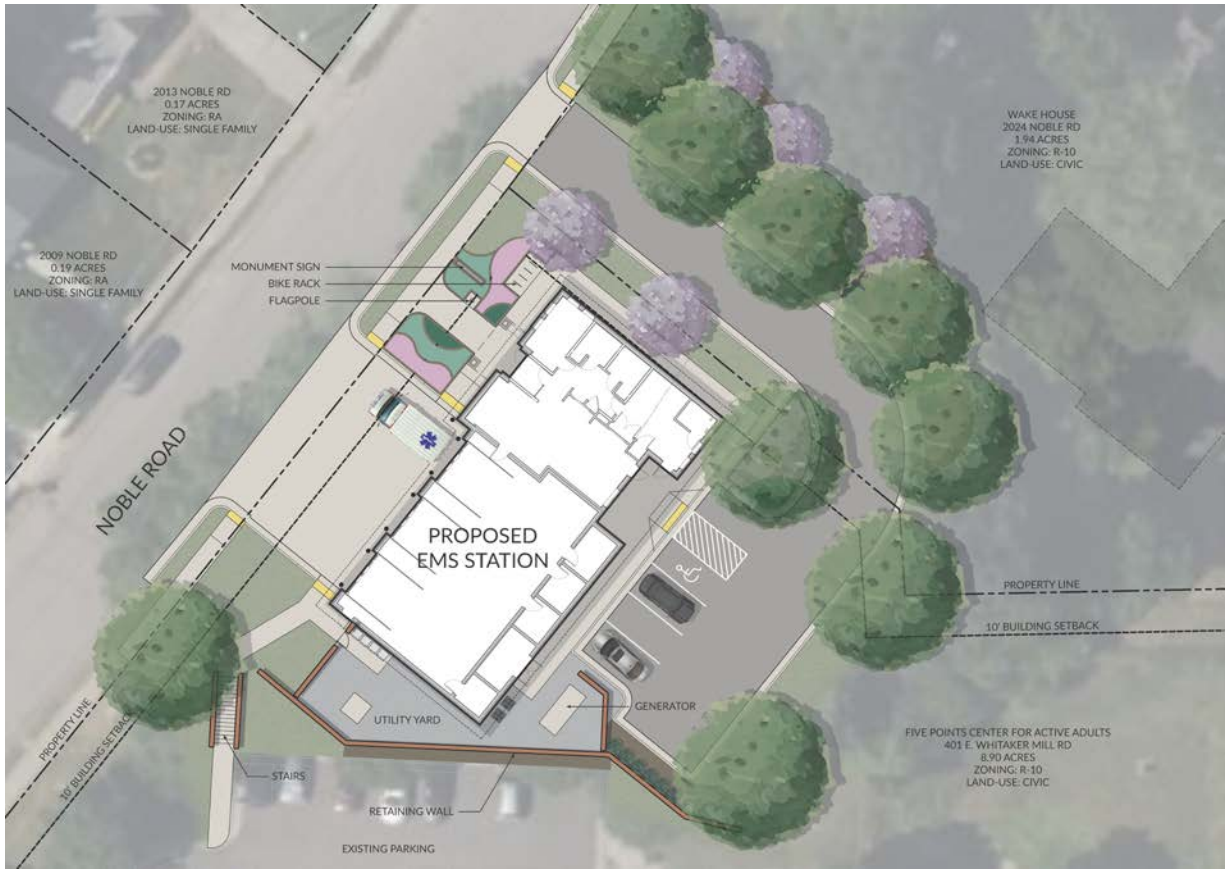
WC EMS Station 2

- Neighborhood Prototype Station
- 1 - Story 4,383 SF EMS Building
- 5 Parking Spaces
- Shared Parking at Raleigh Center For Active Adults
- Modifying Existing Bioretention Stormwater Control Measure

EMS Station 2 – Site Plan – Existing vs Proposed

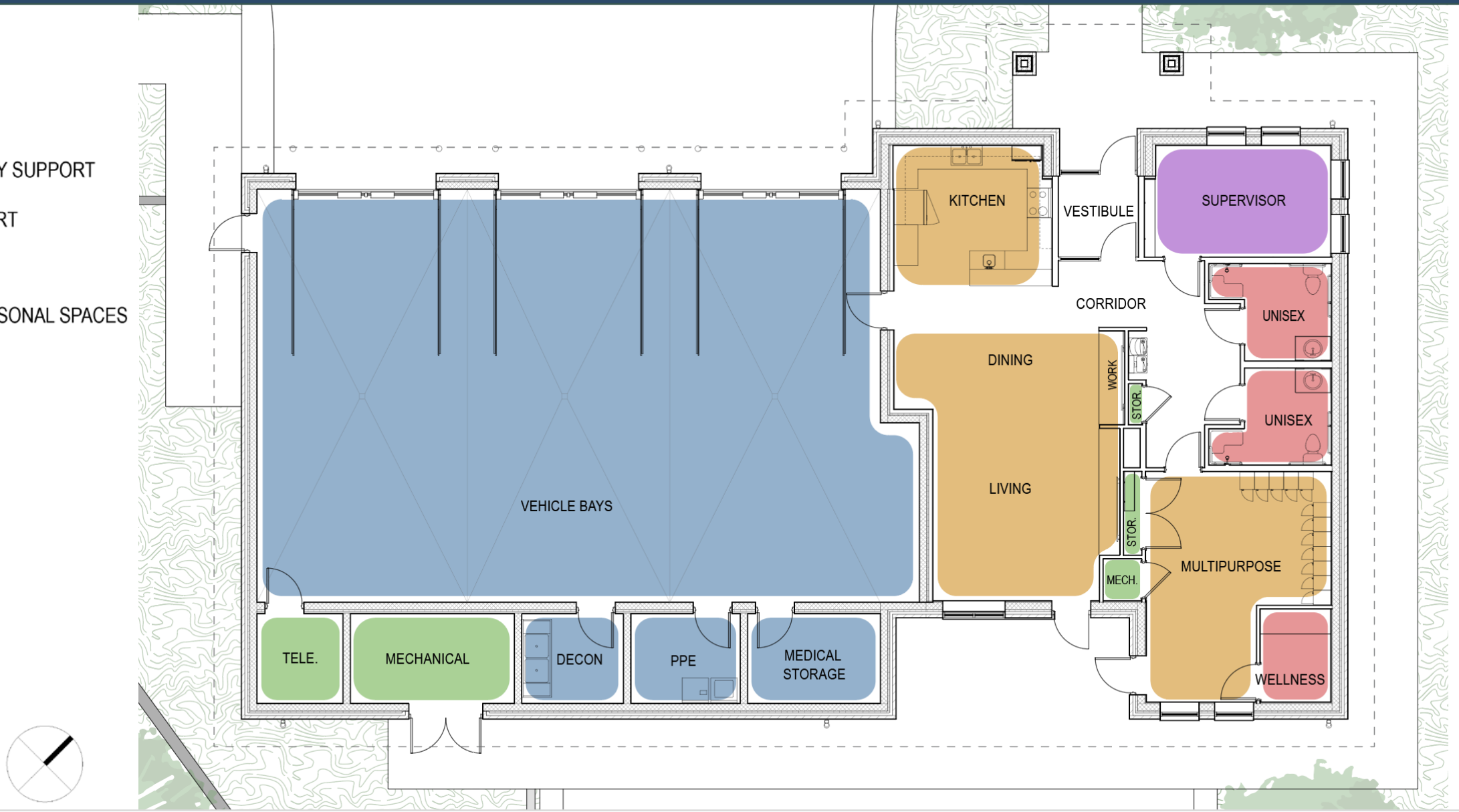
EXISTING SITE PLAN

PROPOSED SITE PLAN



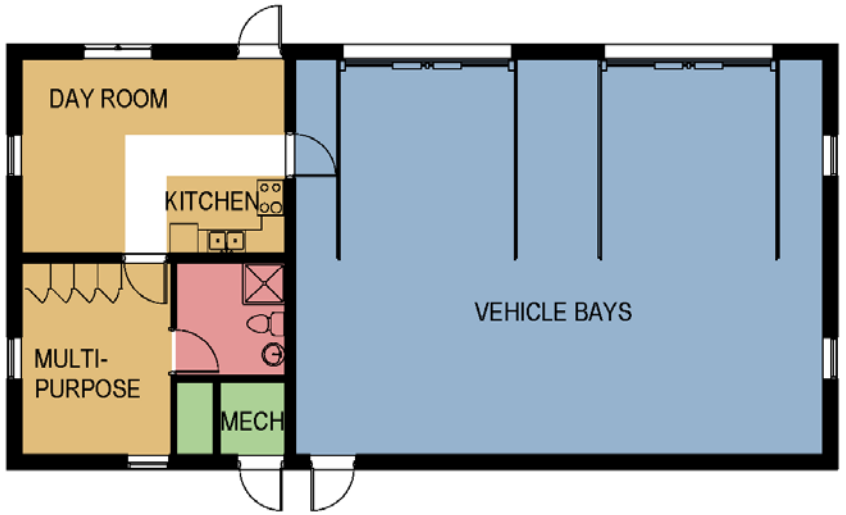
EMS Station 2 – Floor Plan

- VEHICLE BAY / BAY SUPPORT
- BUILDING SUPPORT
- LIVING AREAS
- BATHROOM / PERSONAL SPACES
- OFFICE



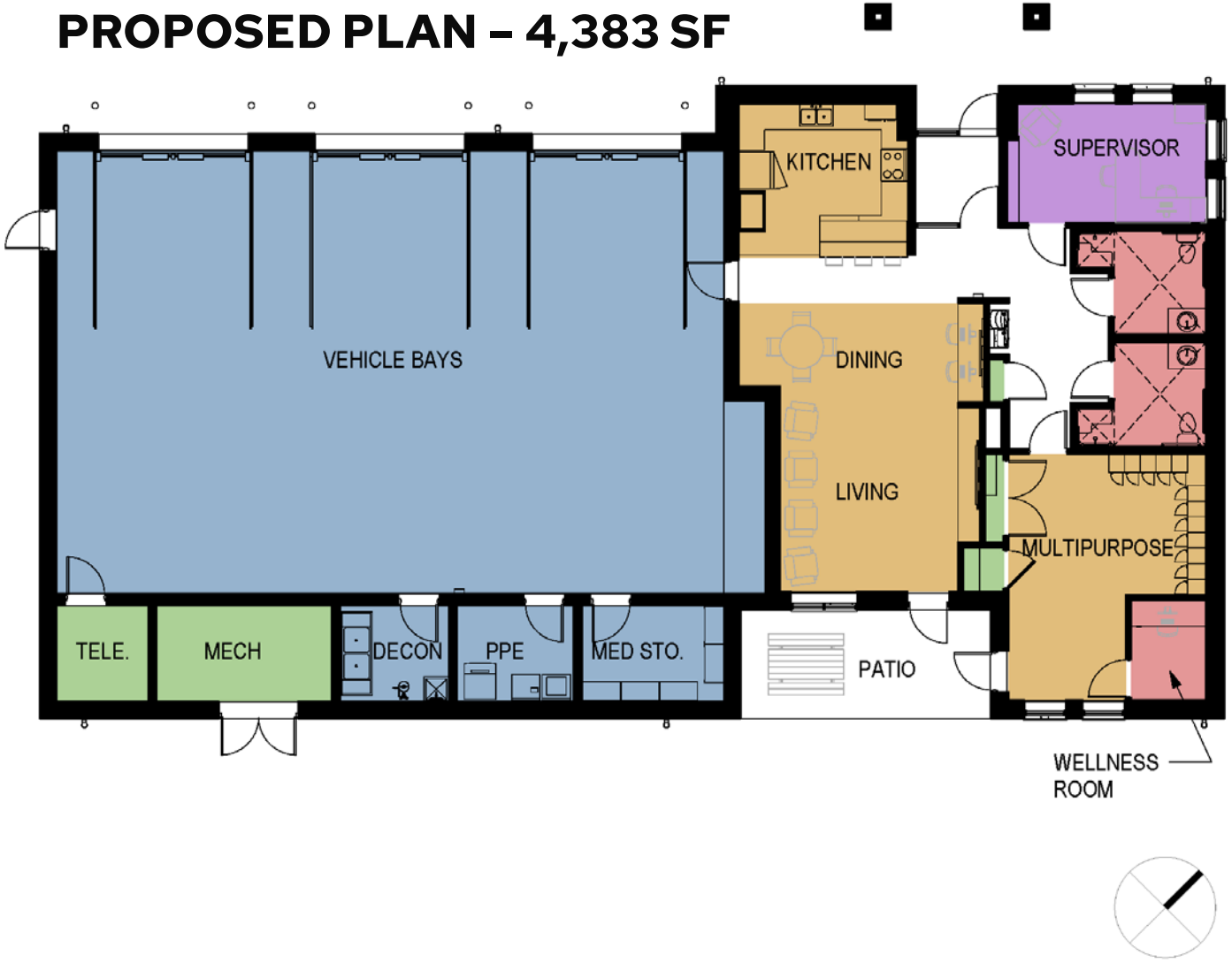
EMS Station 2 – Floor Plan – Existing vs Proposed

EXISTING PLAN - 1,759 SF



	EXISTING	PROPOSED
VEHICLE BAY / BAY SUPPORT	1,046 SF	2,164 SF
BUILDING SUPPORT	38 SF	190 SF
LIVING AREAS	351 SF	807 SF
BATHROOM / PERSONAL SPACES	62 SF	187 SF
OFFICE	0 SF	150 SF

PROPOSED PLAN – 4,383 SF



EMS Station 2 – Building Rendering

EXISTING ELEVATION

Source: Google Map

PROPOSED ELEVATION - RENDERING

EMS Station 2 – Sustainable Design Strategies

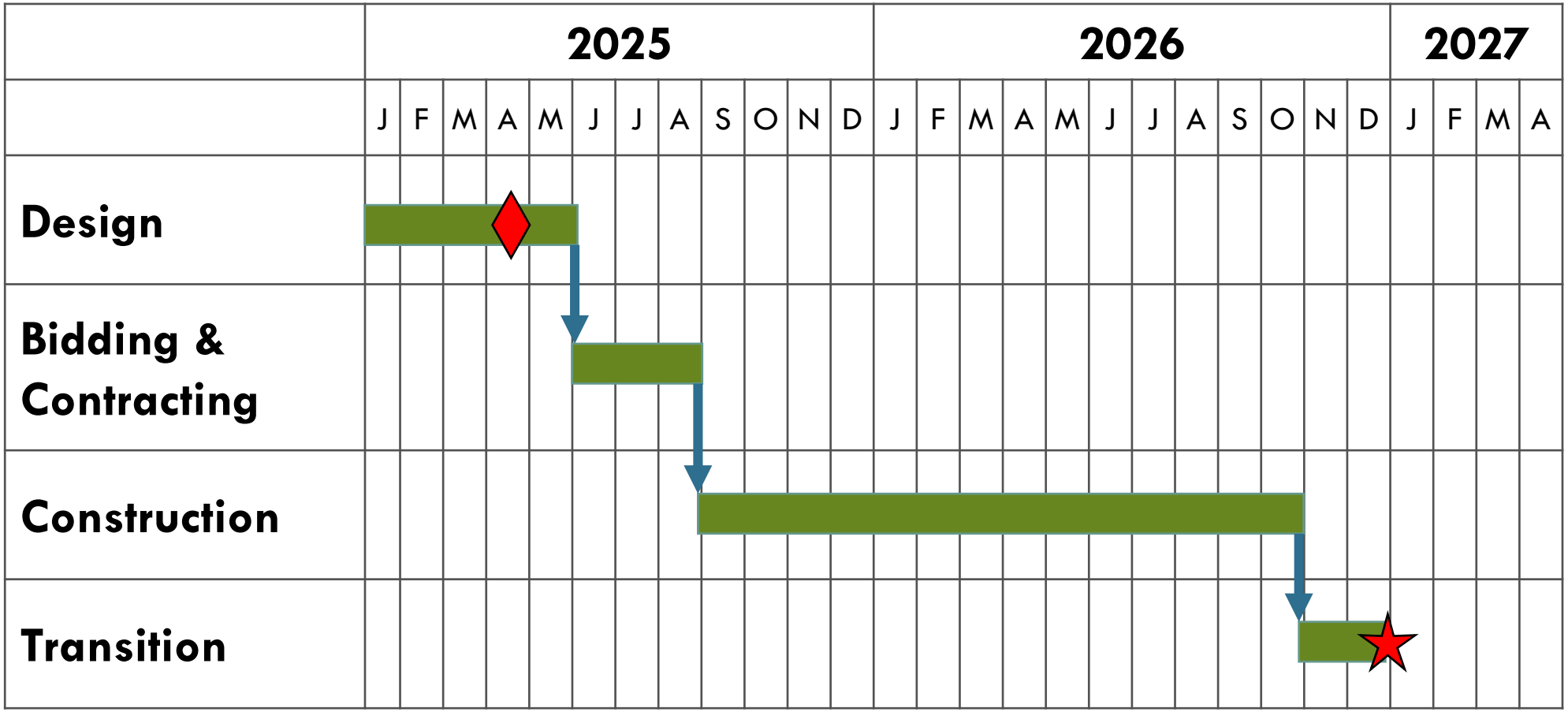
SITE FEATURES

- Native Drought Tolerant Landscaping
- High Albedo | High Solar Reflectivity Index (SRI) Concrete Paving
- Low-Carbon Concrete
- LED Site Lighting

BUILDING FEATURES

- High Performance Storefront Window Systems and Glazing
- High Performance Wall Assembly
- LED Lighting (Exterior & Interior)
- Regionally Sourced Masonry Materials
- Low Flow Plumbing Fixtures
- High Efficiency Heat Pumps – Heating and Air Conditioning
- Dedicated System for Ventilation and Humidity Control

EMS Station 2 – Project Schedule



Projected Re-Opening Fall/Winter 2026

EMS Station 2 – Next Steps

- April 21, 2025 Schematic Design Approval
- Summer 2025 Permitting
- Summer 2025 Public Bid Process & Contract Award
- Fall 2025 Begin Construction
- Fall 2026 Substantial Completion
- Fall/Winter 2026 Occupancy

EMS Station 2 – Community Engagement

- Wake County Human Services Meeting
- City of Raleigh Senior Center Meeting
- Community Virtual Open House
- Neighborhood Canvassing

Questions?

WAKE COUNTY
NORTH CAROLINA