

Wake County Animal Center

Schematic Design Presentation

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Agenda

- **Existing Facility**
- **New Animal Center Location**
- **Rezoning/ Special Use Permit**
- **Program Summary**
- **Site Planning**
- **Animal Shelter Best Practices**
- **Building Plan**
- **Sustainable Design Components**
- **Project Schedule**
- **Questions**

Purpose

- **Present the Schematic Design for the new Animal Center**
- **Review two design alternates**
- **Seek Board Approval of Schematic Design for January 20th meeting**



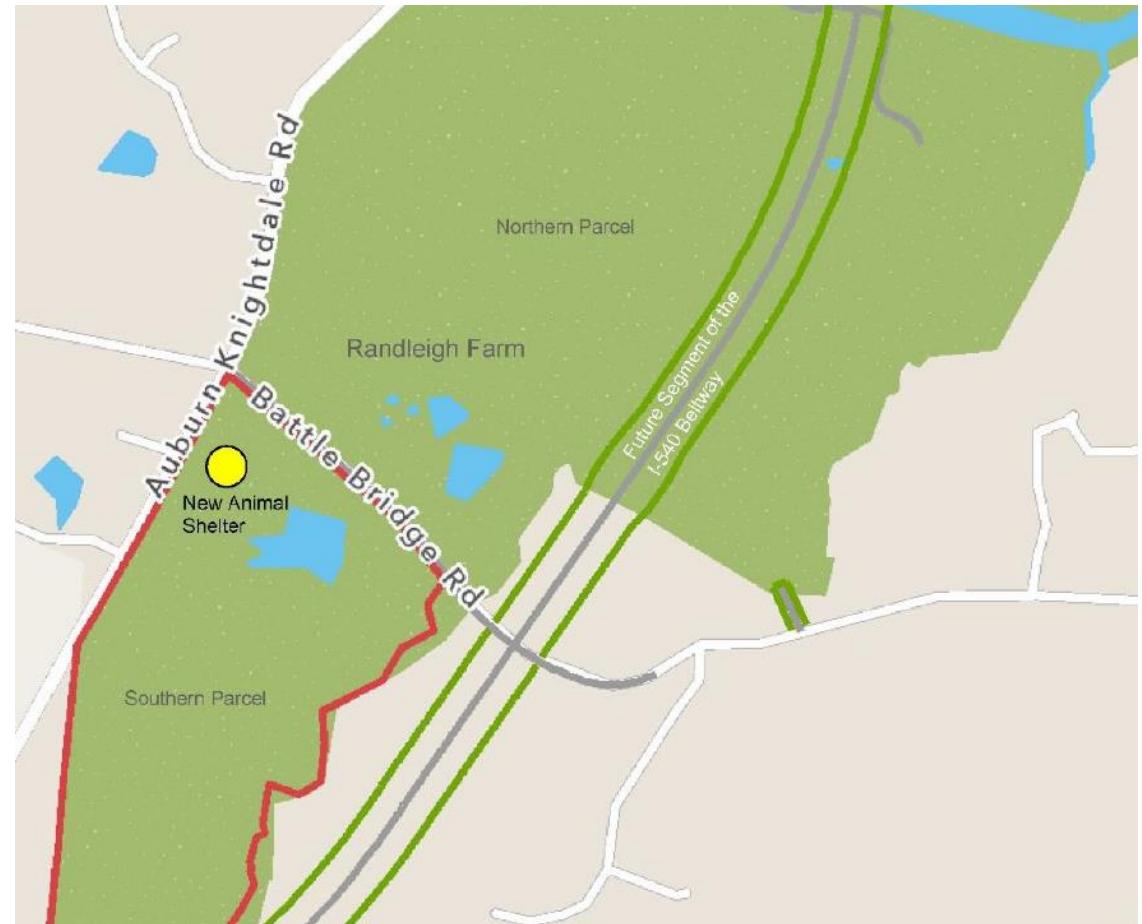
Background

Facility History and Site Selection

Current Animal Shelter Facility

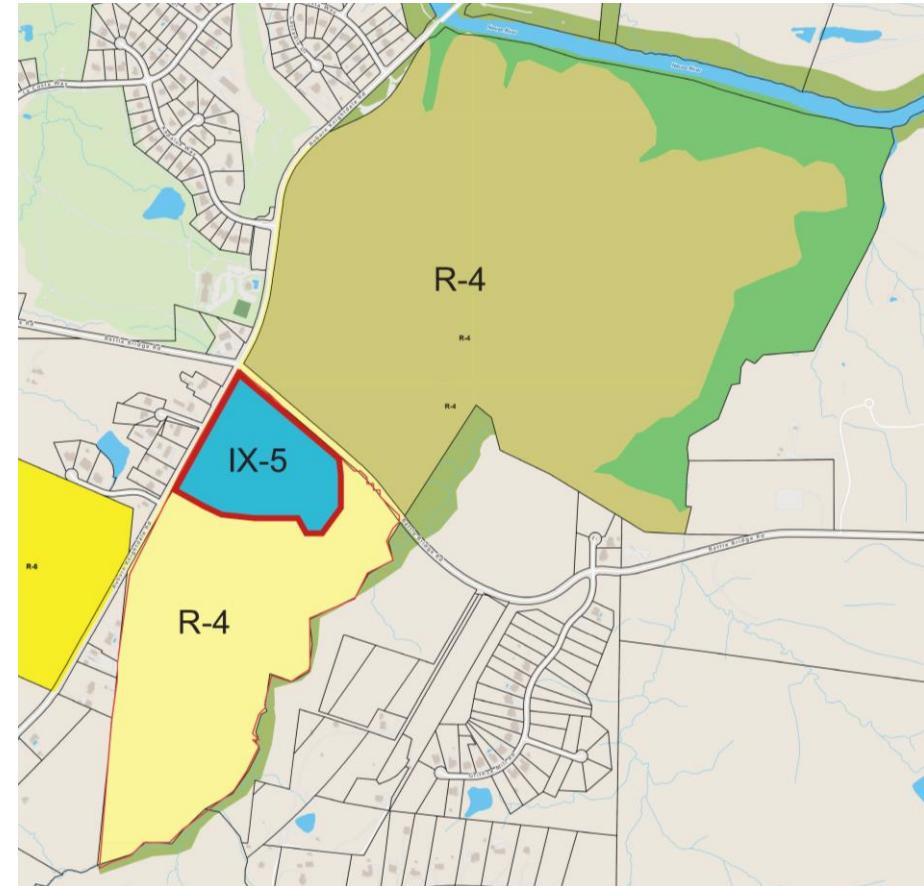


New Animal Center Site



Rezoning & Special Use Permit

- Rezone portion of southern Randleigh Farm Parcel for new Animal Center
- City of Raleigh Jurisdiction
- Current R-4 zoning does not permit animal center facility
- Rezoning approx. 24 acres to Mixed Use Industrial IX-5
- Special Use Permit required



Program Summary

- **Building Area: 56,400 SF**
- **Exterior Covered Area: 8,000 SF**
- **265 Dog Kennels (Project Goal)**
- **184 Cat Kennels**
- **Four Separate Public Entrances**
 - Pet Adoption
 - Veterinary Services
 - Foster Services
 - Pet Surrender and Redemption
- **Animal Control Entrance Separate and Secure**

Animal Housing Capacity

	Existing Shelter	New Animal Center
Building Area	25,160 SF	54,600 SF
Dog Capacity	135	265*
Cat Capacity	121	184

* Project goal capacity dependent on alternate #1

Site Planning

BUILDING & SITE

- One story building area of 54,600 SF
- Bid Alternate 1 – Training Center
- Bid Alternate 2 – full Dog Kennel Capacity
- Public Parking (Front) - 79 cars
- Staff Parking (Rear) - 49 cars
- EV Charging Spaces
- Fleet Parking (Rear)
- Sallyport – Animal Drop-off



Site Planning

BUILDING & SITE

- Landscaping to buffer noise and views of back
- Perimeter Fence to contain noise and views
- Walking trail for volunteers walking dogs
- Native drought tolerant plants and materials
- Preserve existing pond for storm water management
- Tree conservation areas



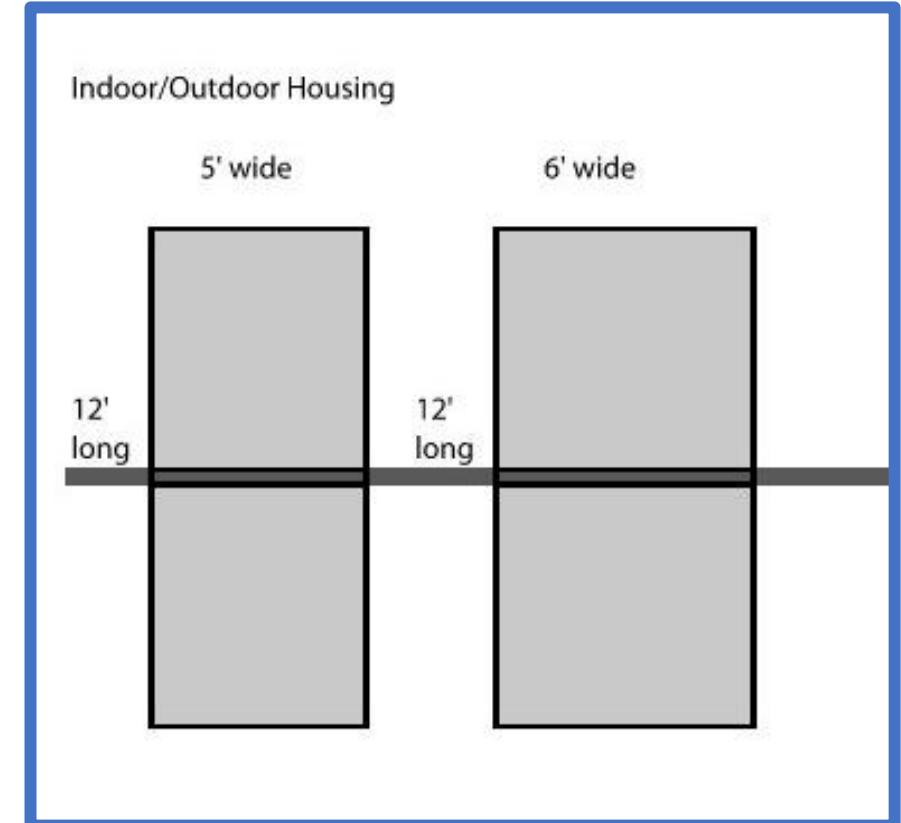
Animal Shelter Best Practices

- **Best Practice Animal Housing Design**
 - Dogs
 - Cats
- **Biological Risk Management**
- **Efficiency of Veterinary Services**
- **Safe, Customer-Focused Public Areas**

Animal Housing

Driver of Square Footage and Layout:

- **Double Compartment Housing**
- **Dog Standard Widths:**
 - 4' minimum, 5' wide better, some 6'
 - Options for indoor / outdoor
 - Options for all indoor
- **Cat Standards**
 - 2'-6" x 5' wide cat kennels



Biological Risk Management

- Dedicated Isolation Areas for ill or At-Risk Animals
- Separation of Incoming Pets
- Reduction of Stress
 - Quiet Space for Cats
 - Quiet Space for Dogs
- Preventing Spread of Disease
 - Drainage Design
 - HVAC Design



Efficiency of Veterinary Services

- **Design for Task Efficiency**
- **Design for Efficient Space Usage**
- **Design for the Future**
- **Design for High Volume**

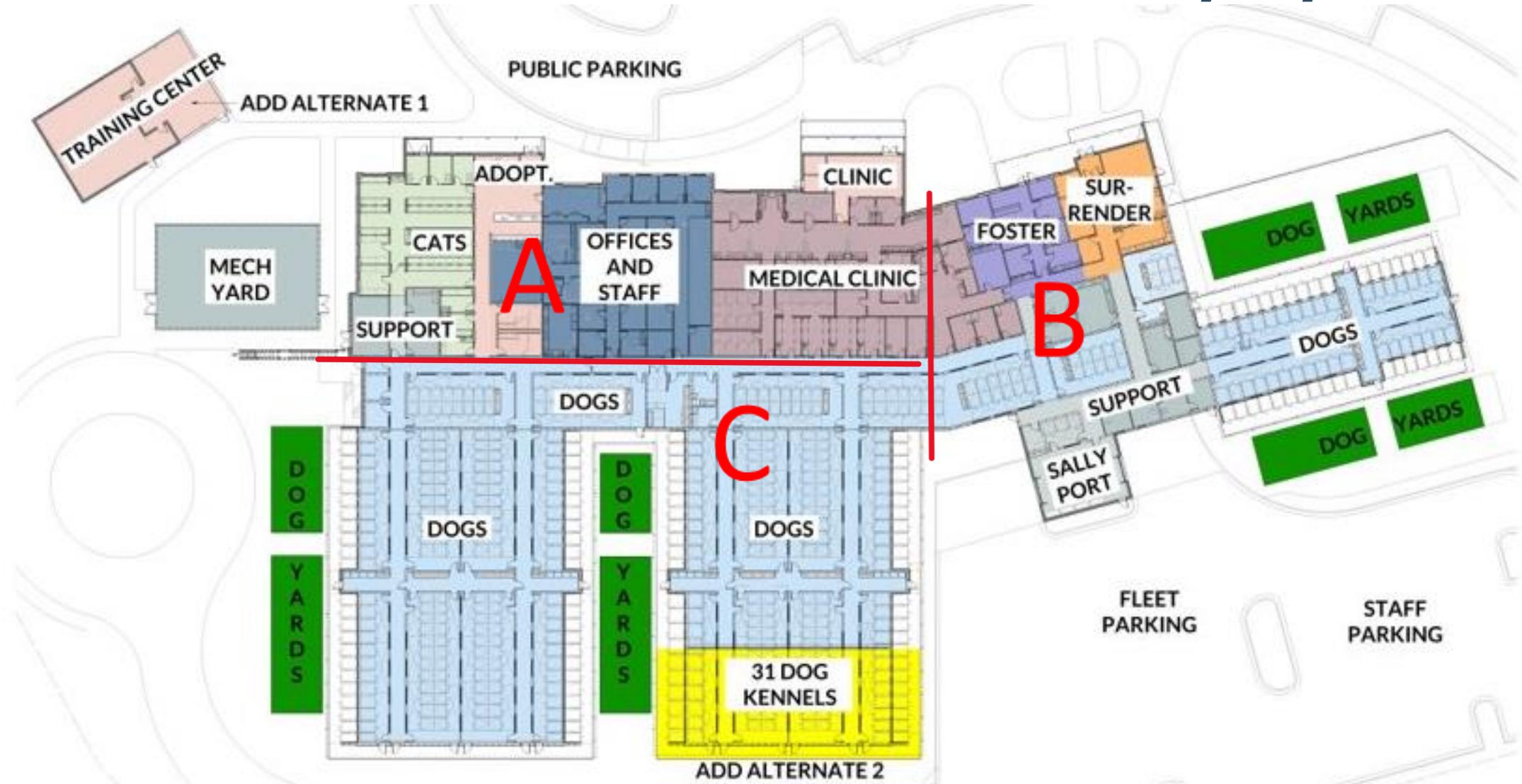


Safe, Customer-Focused Public Areas

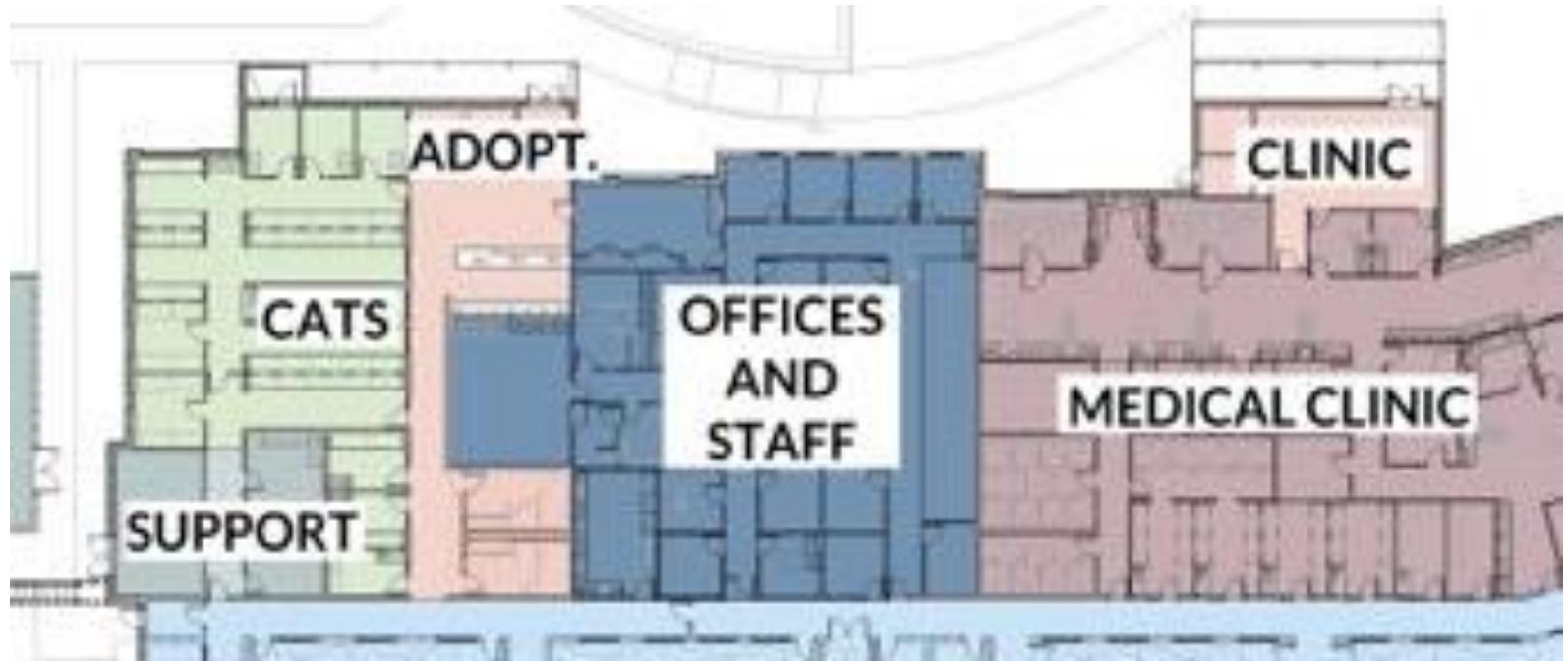
- **Dedicated Staff Zones for Safety**
- **Separation of Customers by Service**
- **Inclusion of Exam and Counsel Rooms**
- **Positive, Professional Feel**



Overall Floor Plan – Sections A, B, & C



Floor Plan Section A

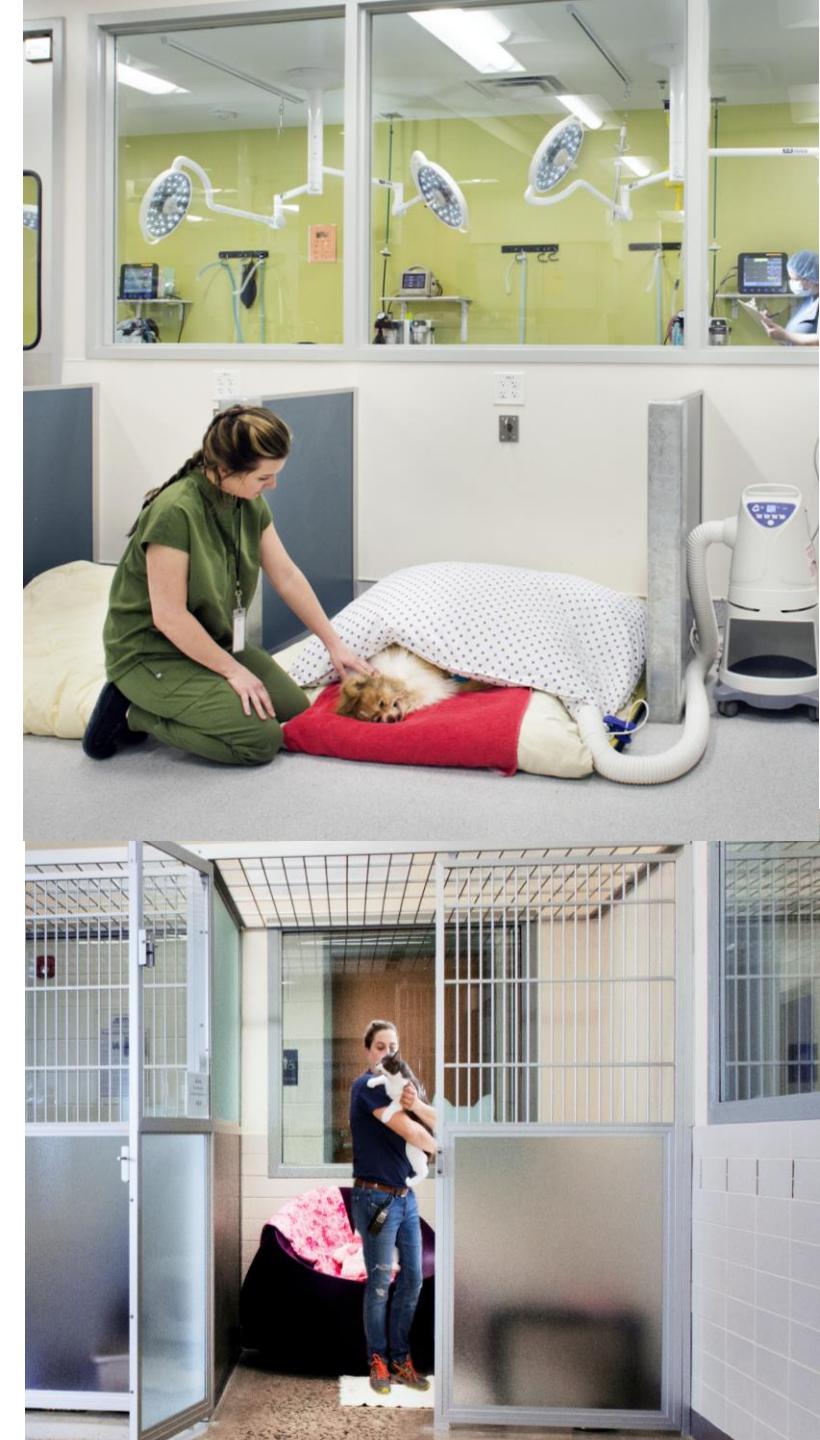


Floor Plan Section B



Foster, Surrender/Redemption, and Dog Isolation Kennels

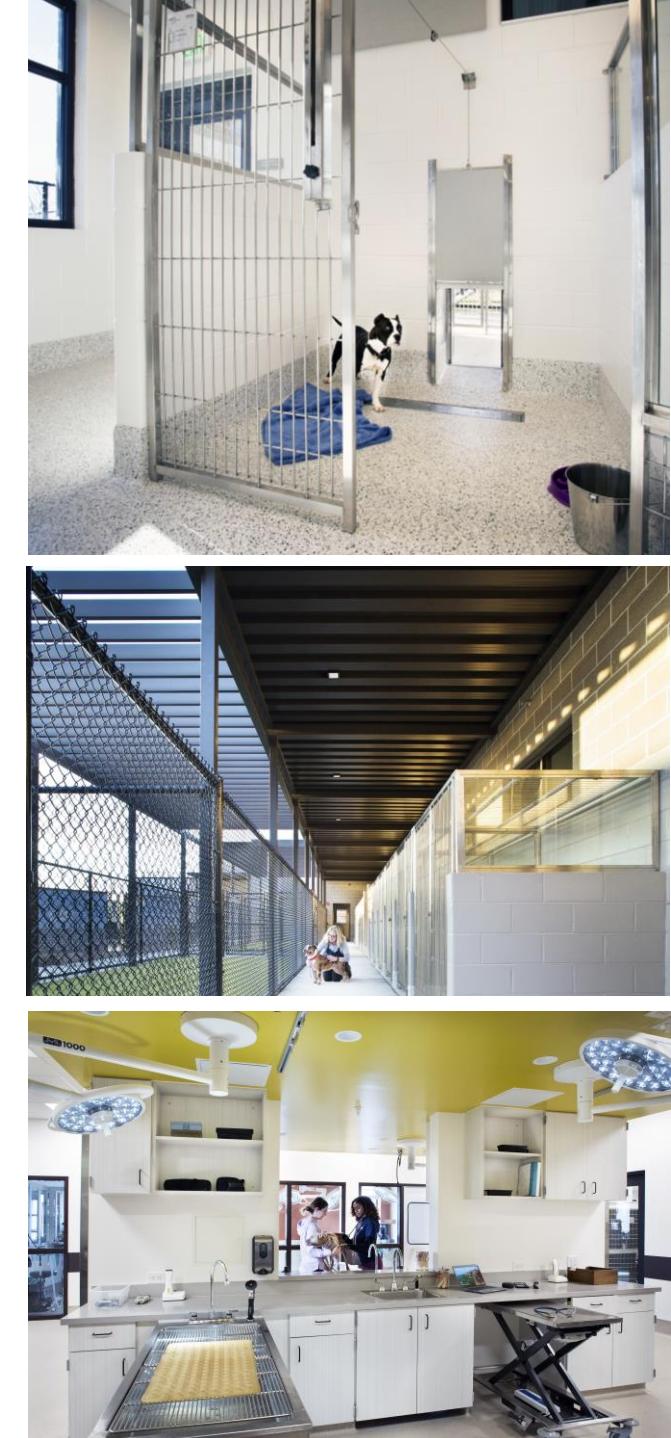
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Floor Plan Section C

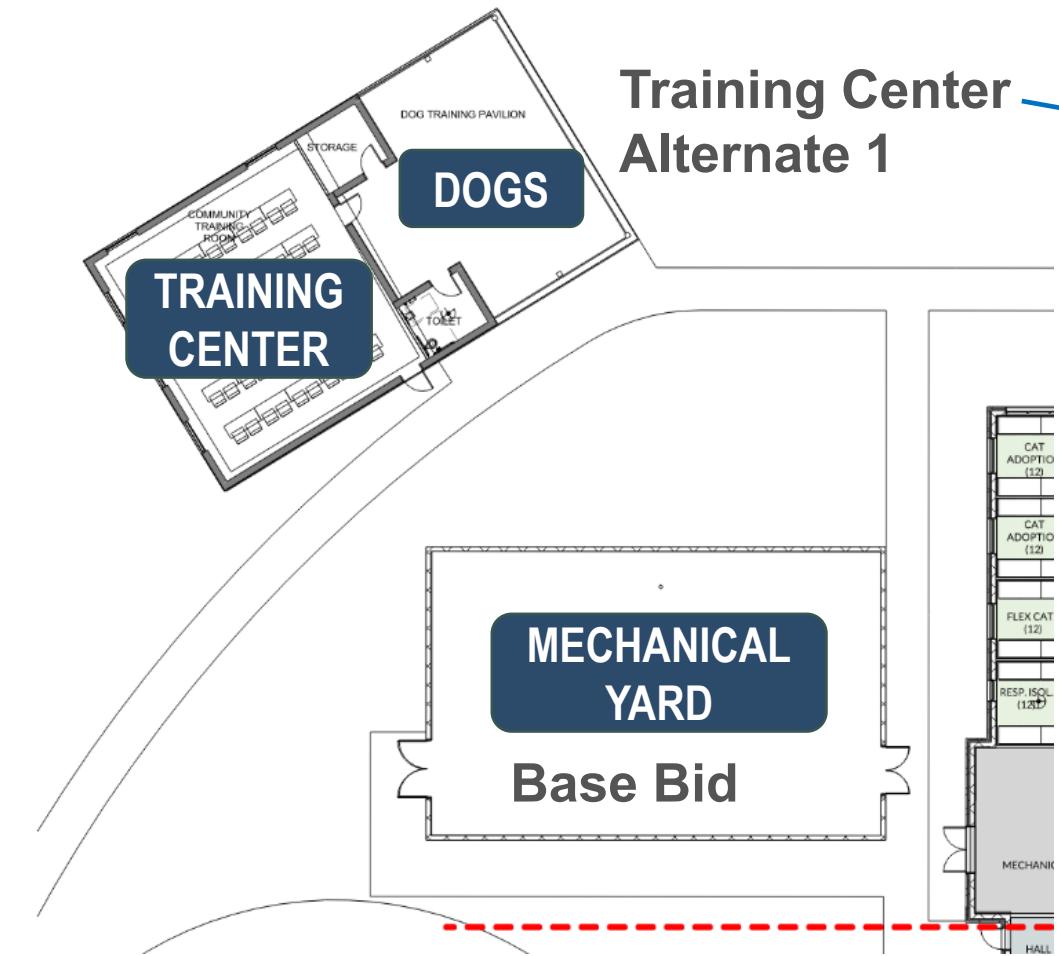


Dog Kennels: 234 Base Bid + 31 Alternate = 265 Kennels



Floor Plan - Outbuildings

Training Center and Warehouse



Training Center
Alternate 1



Concept Rendering



Concept Rendering



Adoption Entrance



Project Budget

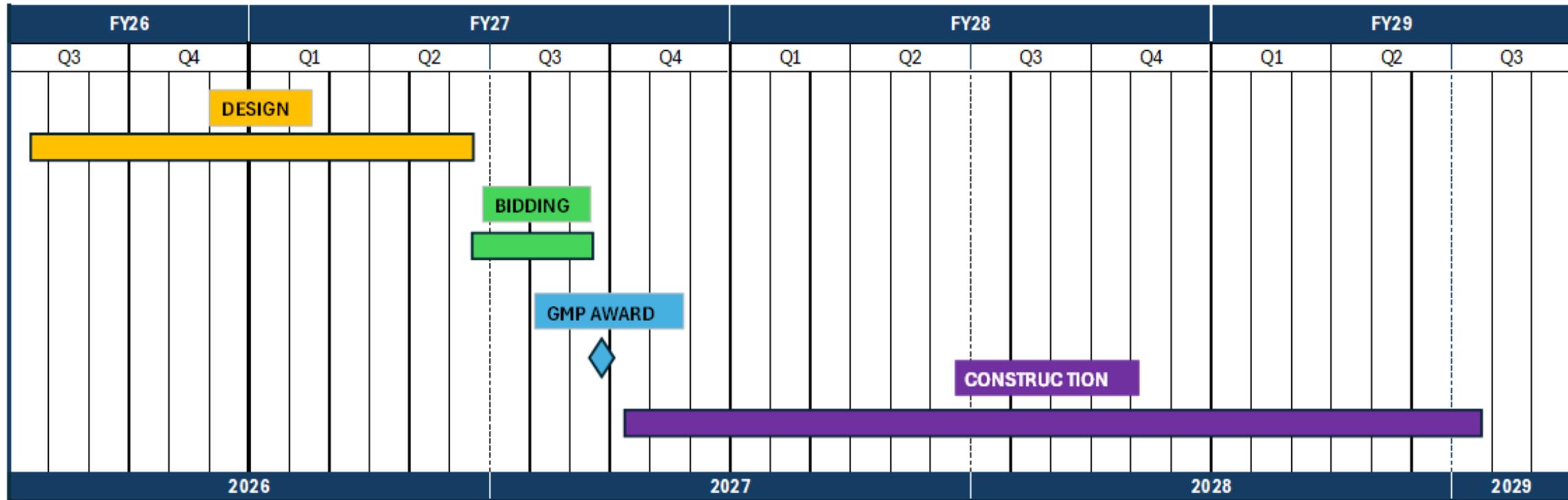
Total Project Budget \$57 Million

Building Size and Budget Summary

Factor	In Budget	Options	
		Alternate 1 + Maintain Kennel Count	Alternate 2 + Training & Dog Pavilion
Square Feet Interior	54,600	3,800	
Dog Capacity	234	+31	
Cat Capacity	184		
Low-Cost Community Clinic	Yes		
Public Dog Training	Alternate 2		3,456
Large Animal Barn	No		
Storage Warehouse	2,000		
Total Project Cost	\$57,000,000	\$59,000,000	\$59,746,238

+ \$2,000,000 + \$746,238

Schedule



Questions & Answers

