Stantec

SBISD Agricultural Science Center

Project Advisory Team
Meeting #1
February 16, 2023

Welcome + Introductions

SPRING BRANCH ISD

Joe Kolenda	Guthrie Center, Principal
Jane Primrose	Guthrie Center, Assistant Principal
Christina Rice-Imumwen	CTE Director
Nicole Henneke	CTE Coordinator
Lance Stallworth	Executive Director Student Support Services
Kristin Craft	Associate Superintendent for Academics
Travis Stanford	Associate Superintendent for Operations
Alfonso Montoya	Planning & Construction, Project Manager

STANTEC ARCHITECTURE

Jennifer Henrikson	Architect - Principal
Scott Klaus	Architect - Sr Design Principal
Gin Kappler-Peeler	Architect - Sr Project Manager
Megan Monedero	Architect - Sr Project Architect
Danielle Dunn	Architect

PROJECT ADVISORY TEAM (PAT) – Ag Science Center

Name	Member Type (Parent, Teacher, Community)

Agenda: PAT Mtg#1

1. PAT Process Overview
2. Project Introduction
3. **PAT Engagement:** Visioning
4. Site Analysis
5. Project Scope Overview
6. Next Steps

SBISD - AGRICULTURAL SCIENCE CENTER

Item

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PAT PROCESS OVERVIEW

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ASC Project Advisory Team (PAT) - Charge

OVERVIEW

A Project Advisory Team (PAT) will be chartered for the planning of renovations and additions for the **SBISD Agricultural Science Center** under the campus's projects as funded in 2017 and 2022 Bond Programs.

Each PAT is an advisory ad hoc committee, **representing the various stakeholders** of a school community. As such, the PAT is chartered for a defined purpose and time and holds no statutory authority.

The goal of the PAT is to ensure that parents, staff and community members have the opportunity to take part in the planning and design of this unique project.

The PAT members will **serve as communicators to and from the community** during the schematic design and development phases of the project and participate in discussions that will lead to recommendations. The PAT concludes its work once construction begins.

ASC Project Advisory Team (PAT) - Charge

CHARGE

The PAT will meet in a series of meetings from initial planning through design to the start of construction. The PAT will work collaboratively and cooperatively with the architect and SBISD Project Manager **to conceptualize, develop and refine the project's goals and design** to ensure meeting the project scope and schedule as defined in the 2017 and 2022 Bond Programs.

The PAT will **reach a proposed recommendation through consensus**.

The Board of Trustees may act upon the recommendations developed with PAT input by approving, amending, altering or not approving all or any part of the recommendations.

Areas of focus from which the PAT should refrain include recommendations regarding school programs, policies and procedures, boundaries of district facilities, instructional arrangements and/or educational pedagogy decided upon and/or subject to District, State and Federal laws.

Project Advisory Teams are essential participants in the planning and design process.

ASC Project Advisory Team (PAT) - Composition

Participants

PAT Committee Composition

- Guthrie Principal
- Guthrie Assistant Principal
- Ag Farm Staff Members
- Parent Representatives
- Staff Representatives
- Students - High School
- District Guidance & Counselor Administrator
- CTE Director
- FFA CTSO Student Rep
- FFA Alumni Rep
- Civic Association
- CTE Business Advisory Council Member

Agricultural Science Center

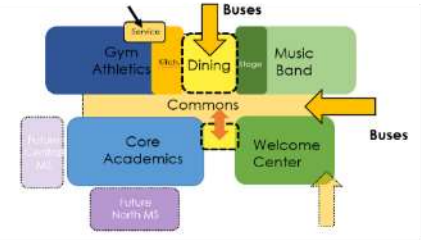
Staff + Student + CTE Leadership + Student Organizations + Alumni

Community

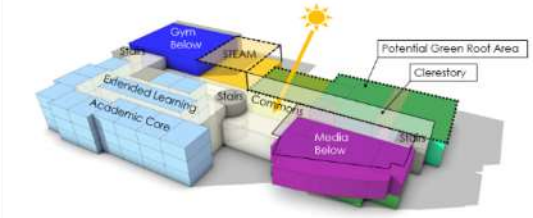
Parent + CTE Business Advisory + Civic Association

PAT Engagement – Process Overview

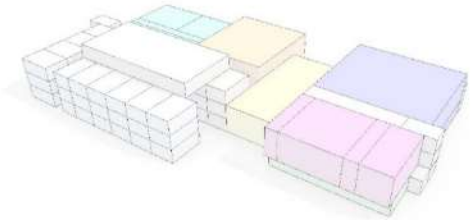
CONCEPTUALIZE



EXPLORE



DEVELOP



REFINE

PAT Engagement – ASC Meeting Progression Overview

- Site Influences
- Site/Building Organization
- Functional Relationships
- Architectural Expression

February 2023

PAT #1
Feb 16
Site Analysis

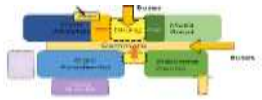
PAT #2
March 9
Initial Concept
Program Adjacencies

PAT #3
March 28
Exterior / Interior Design Expression

PAT #4
April 13

PAT Consensus
April 2023

CONCEPTUALIZE



EXPLORE

DEVELOP

REFINE

PAT Engagement – Input

"Recipe" for creating the SBISD Agricultural Science Center

District & Regulatory Ingredients

- SBISD CTE Educational Specifications
- SBISD Design & Construction Standards
- CITY Adopted Codes & Ordinances
- STATE Accessibility Requirements

Campus Inspired Ingredients

- CAMPUS Fact Finding Meetings
- **PAT Engagement**
- SBISD Departmental Leader Reviews
- CAMPUS End User Reviews
- Existing Site Influences

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PROJECT INTRODUCTION

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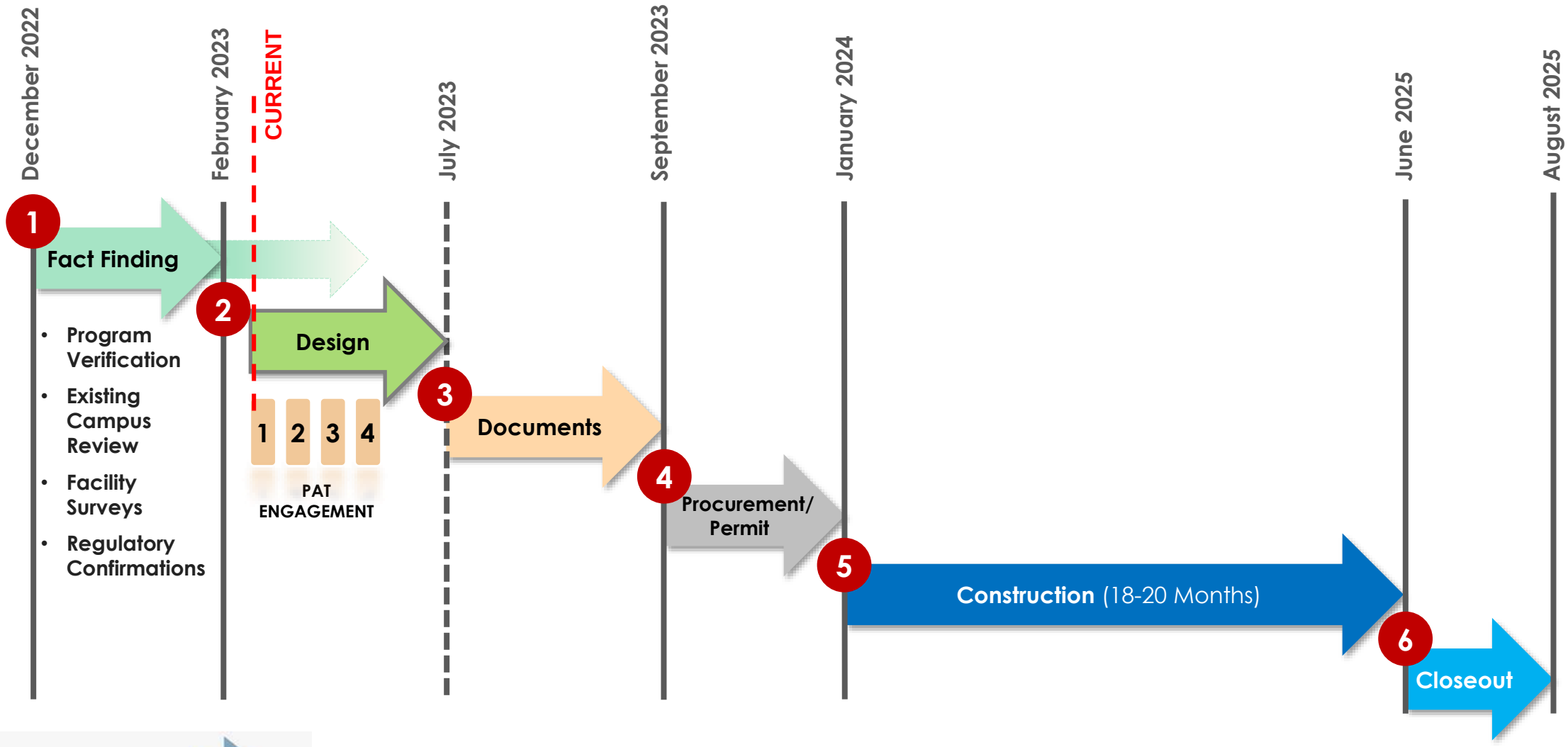
Project Scope – Agricultural Science Center Addition/Renovation

- **Campus Improvements** will increase current student capacity, expand course offerings, and create an Enterprise Entry point
- **Approx. 59,000 SF:** Renovation and additional instructional spaces based on the SBISD CTE Educational Specifications
- **On Site Transition:** Campus will remain occupied during construction
- **18-20 months:** Total anticipated time for phased construction
- **Fall 2025:** Agricultural Science Center project completion

Project Schedule - Overview



Spring Branch ISD
Career &Technical Education

Agricultural Science Center

SBISD PROJECT SCHEDULE - DESIGN AND CONSTRUCTION

Campus - Fact Finding

In the Preliminary Stages of the process, we held as a series of recent meetings with the Principal and key Campus Leadership to identify information related to the campus:

- **Allows ARCHITECTURAL DESIGN TEAM to confirm current usage of the campus** to validate with the SBISD CTE Educational Specifications.

- **Allows CAMPUS LEADERSHIP opportunity to inform the Architectural Design Team** about the character and quality of the existing spaces as a benchmark moving forward into the design process.

Fact Finding – Existing Site

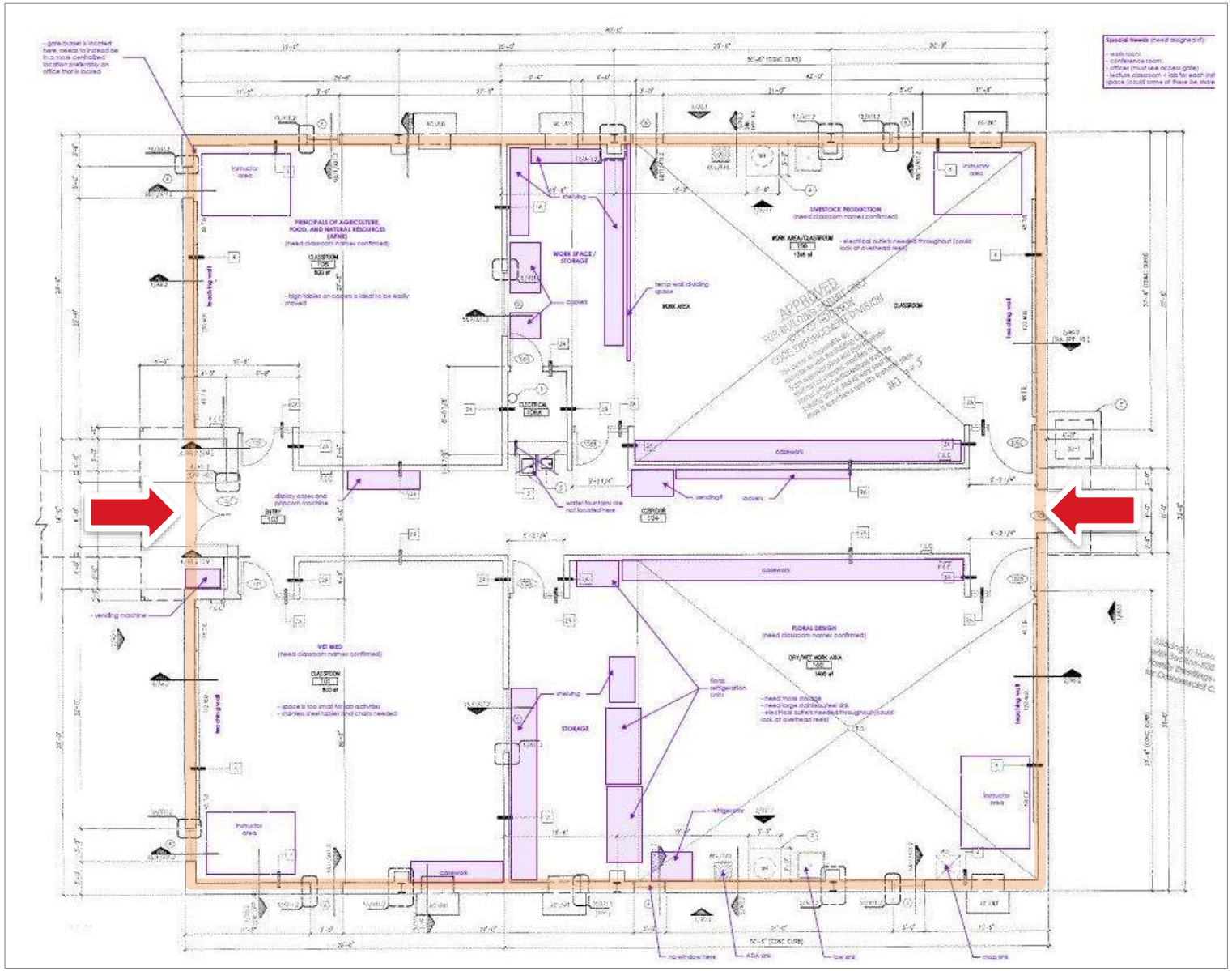
Fact Finding helped to identify how the SITE is used today:

- Identified current traffic patterns and parking
- Identified major site elements and how they are utilized
- Identified how campus is used by community outside of school hours

Fact Finding – Existing Buildings

Fact Finding helped to identify how the major BUILDINGS are used today:

- Identified current condition space usage
- Identified relationships of spaces to each other
- Identified instructional and support space needs



Fact Finding – Campus Input

Fact Finding helped to identify the UNIQUE characteristics of the campus:

- Operational Hours & Access Needs
- Day to Day Functional Use / Needs
- Instructional Offerings & Adjacency Strategies
- Site Challenges & Opportunities
- District Livestock Program Detail

Master Plan – Parallel Effort

This project drove the need for an overall Master Plan.

As the Proposed Master Plan develops, it will incorporate thoughtful consideration of the current project in relation to long-term campus improvements.

Item 3

PAT ENGAGEMENT: VISIONING

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PAT Engagement – Visioning

PAT Engagement – Individual Input | Group Share

Q/A

35 mins for Engagement Activity:
10 minutes of Individual work
25 minutes of Group share out

Iterative Process
(2 mins/question)
(5 mins/question)

Visioning

1. Describe **what makes the existing** Agricultural Science Center's **campus special**.
2. Share **three aspects of the existing campus** that work well and should be **enhanced**.
3. Share **three aspects of the existing campus** that do not work well and should be **removed**.
4. List **three ideas how the project** could support and enhance the agricultural science **learning experience**.
5. List **one example EACH** describing the future characteristic of the Agricultural Science Center's **Culture** | **Image** | **Brand** in the community

Item 4

SITE ANALYSIS


RABBITS
POULTRY
GROUNDS STORAGE
EMPTY
AG MECH
OFFICE/ST
GRAVEL DRIVE + TURN AROUND
GREENHOUSE
PARKING
WASH
DETENTION
GRAZING
CATTLE
LAMB AND GOATS
ARENA
SWINE
CLASSROOM BUILDING
DETENTION
CHICKEN YARD
PAVILION
GRAZING
TRAILER PARKING
FARM
SCHOOL
NT

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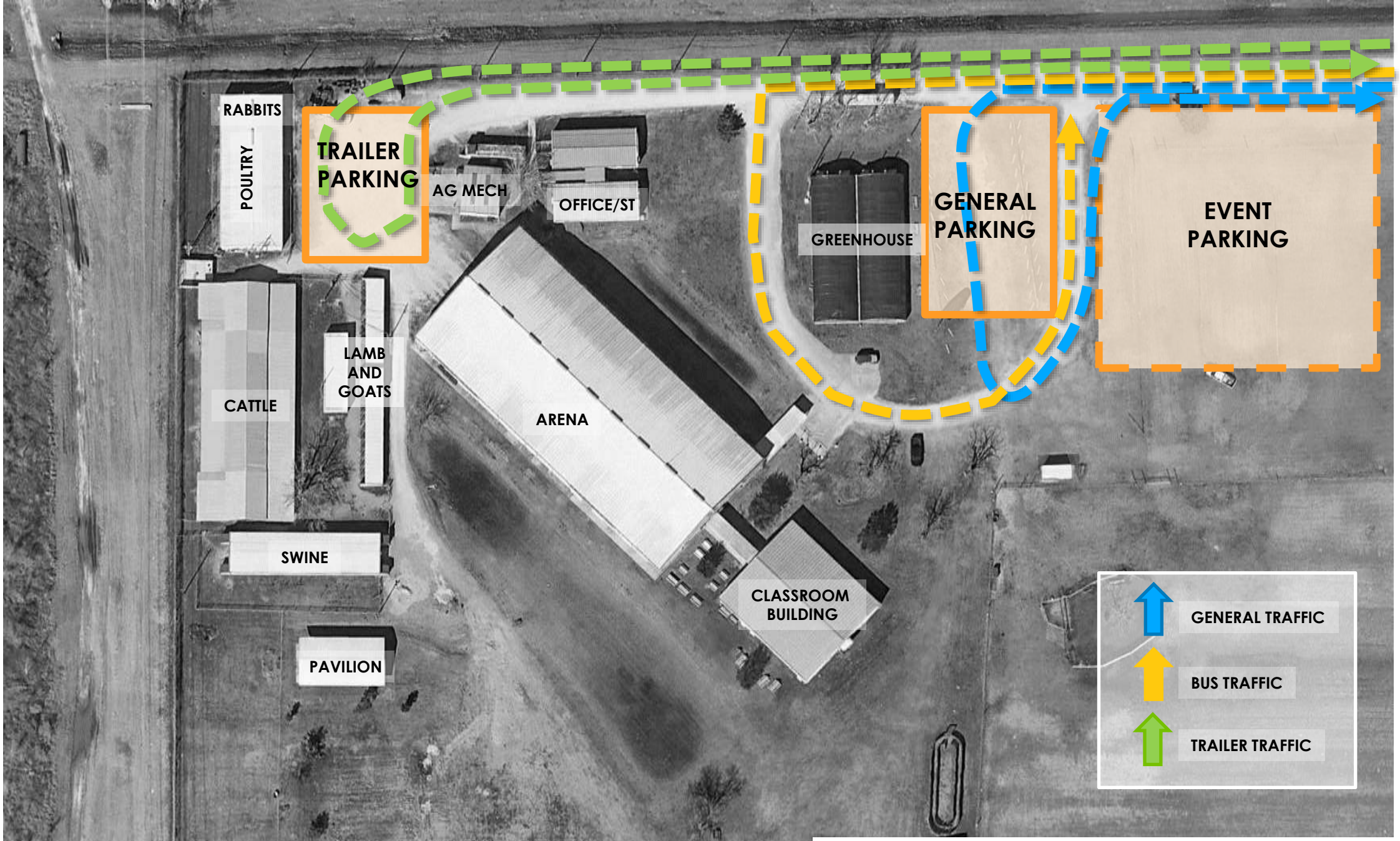
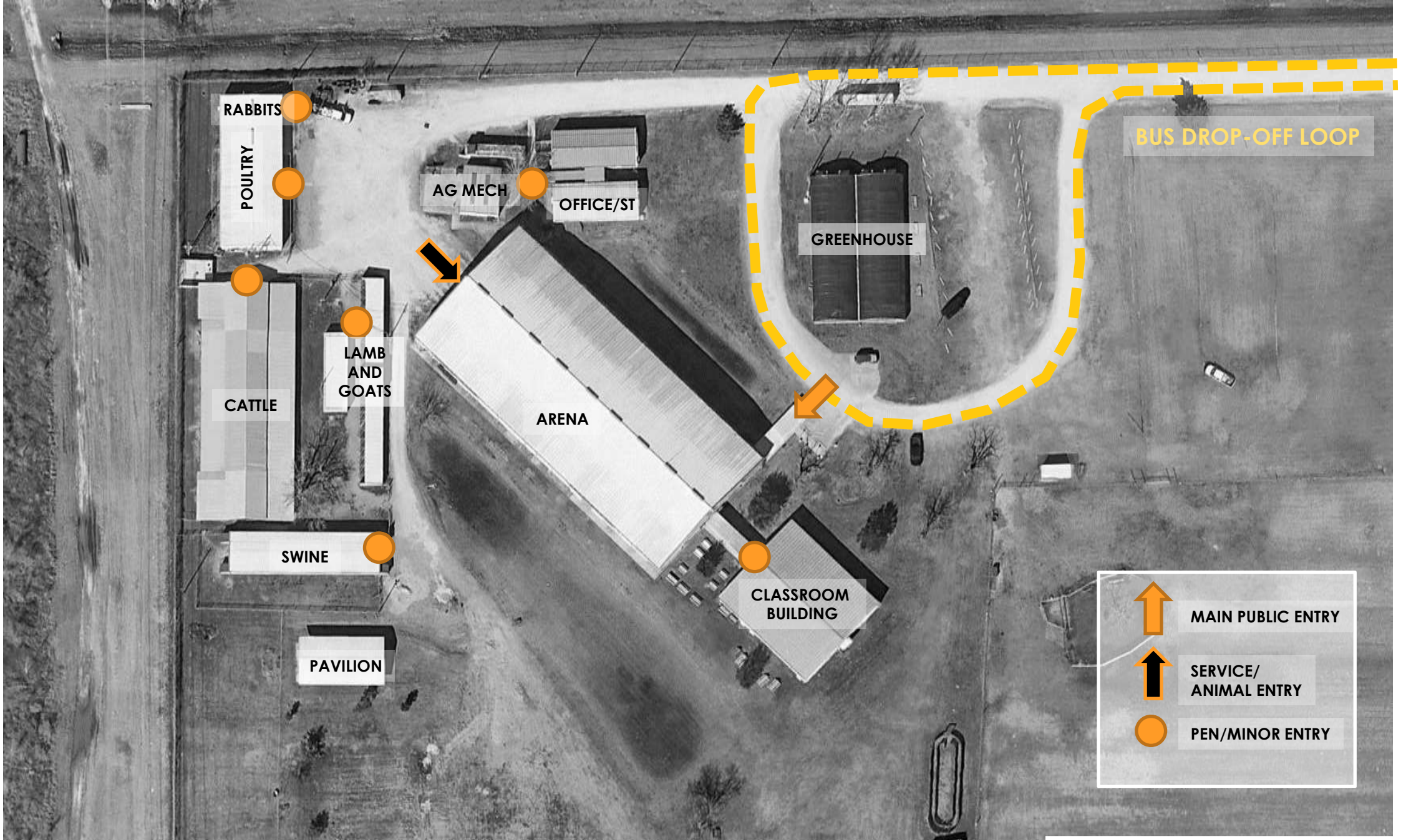
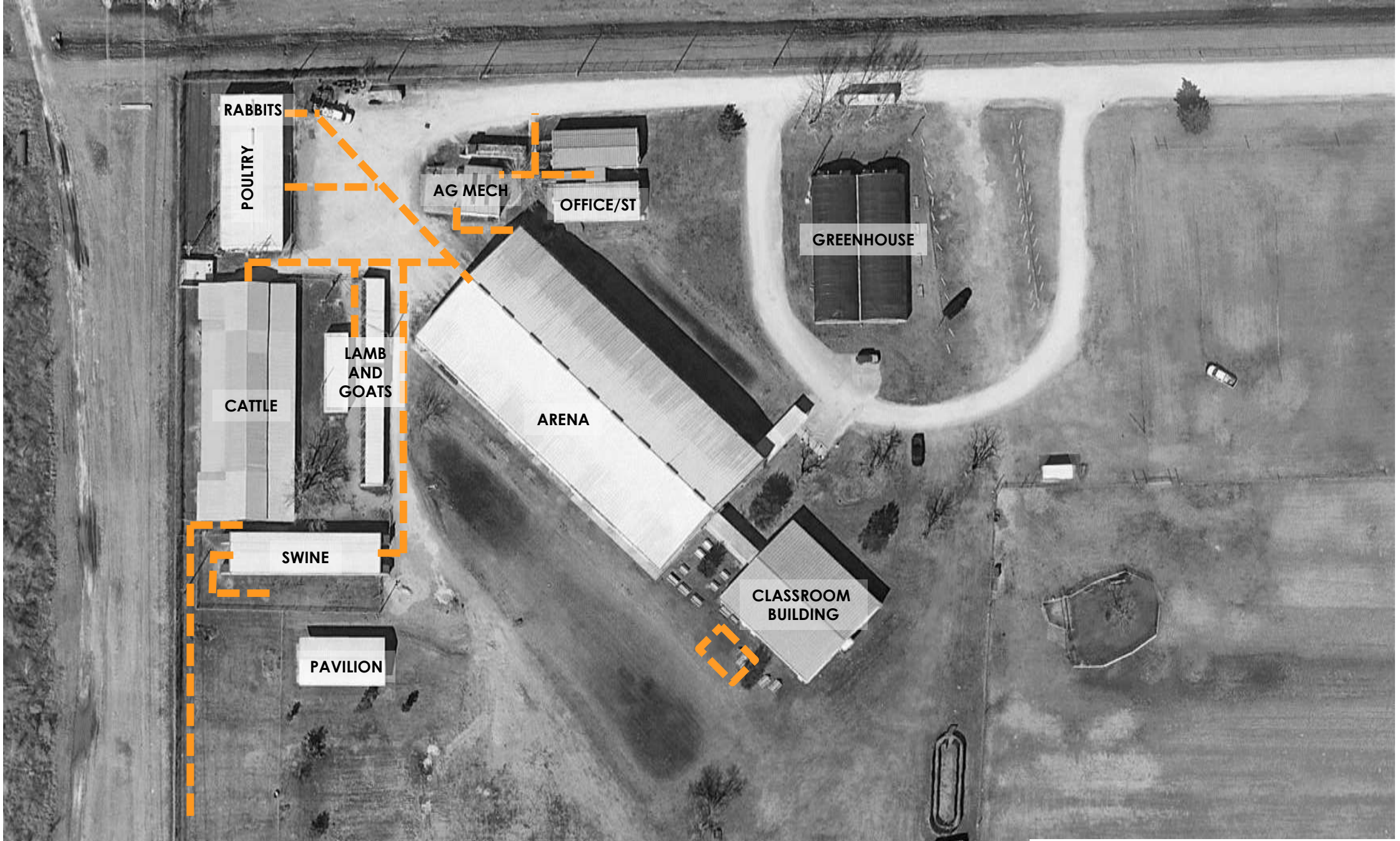


Traffic Patterns / Site Access

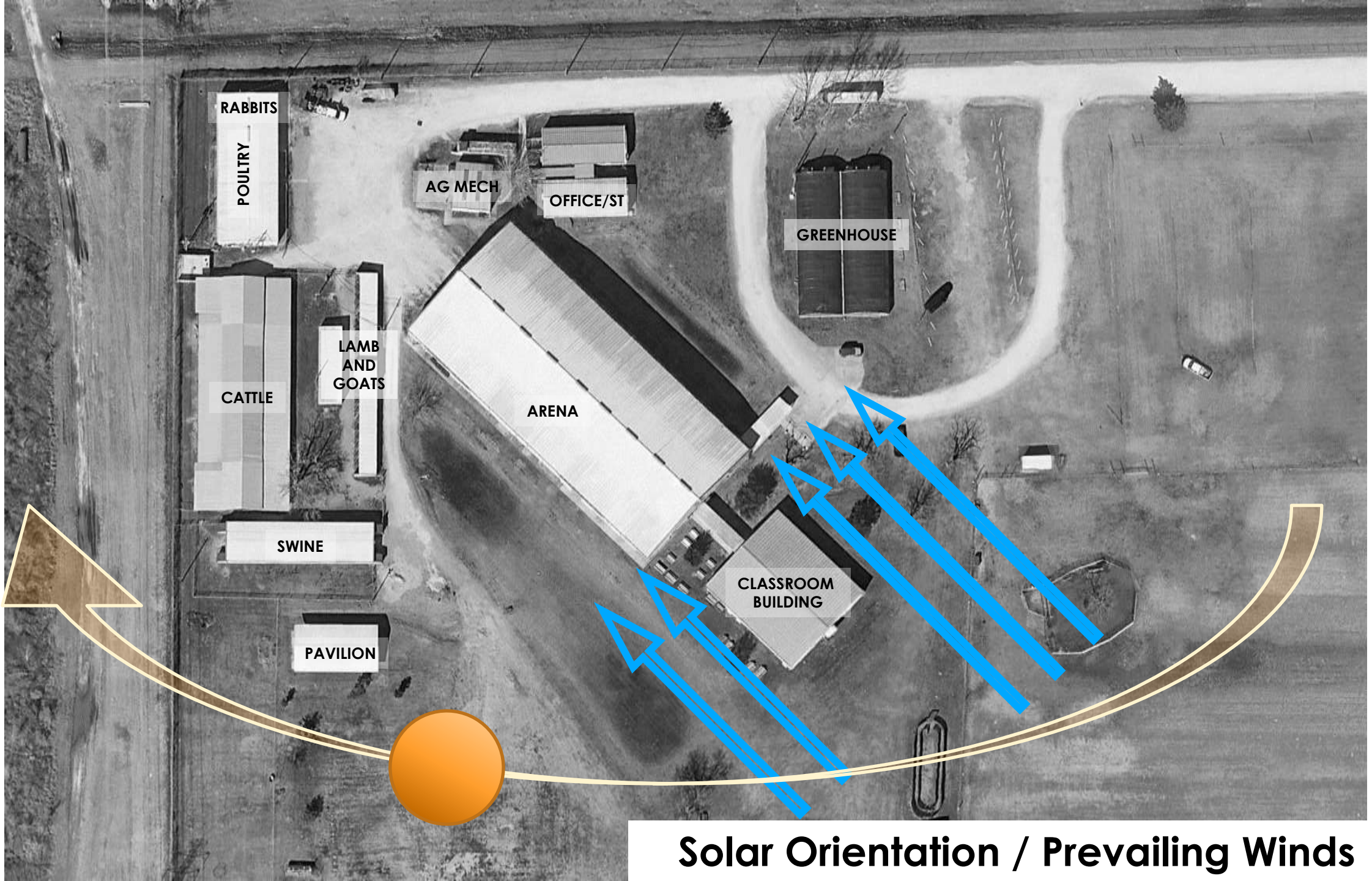


Building Access

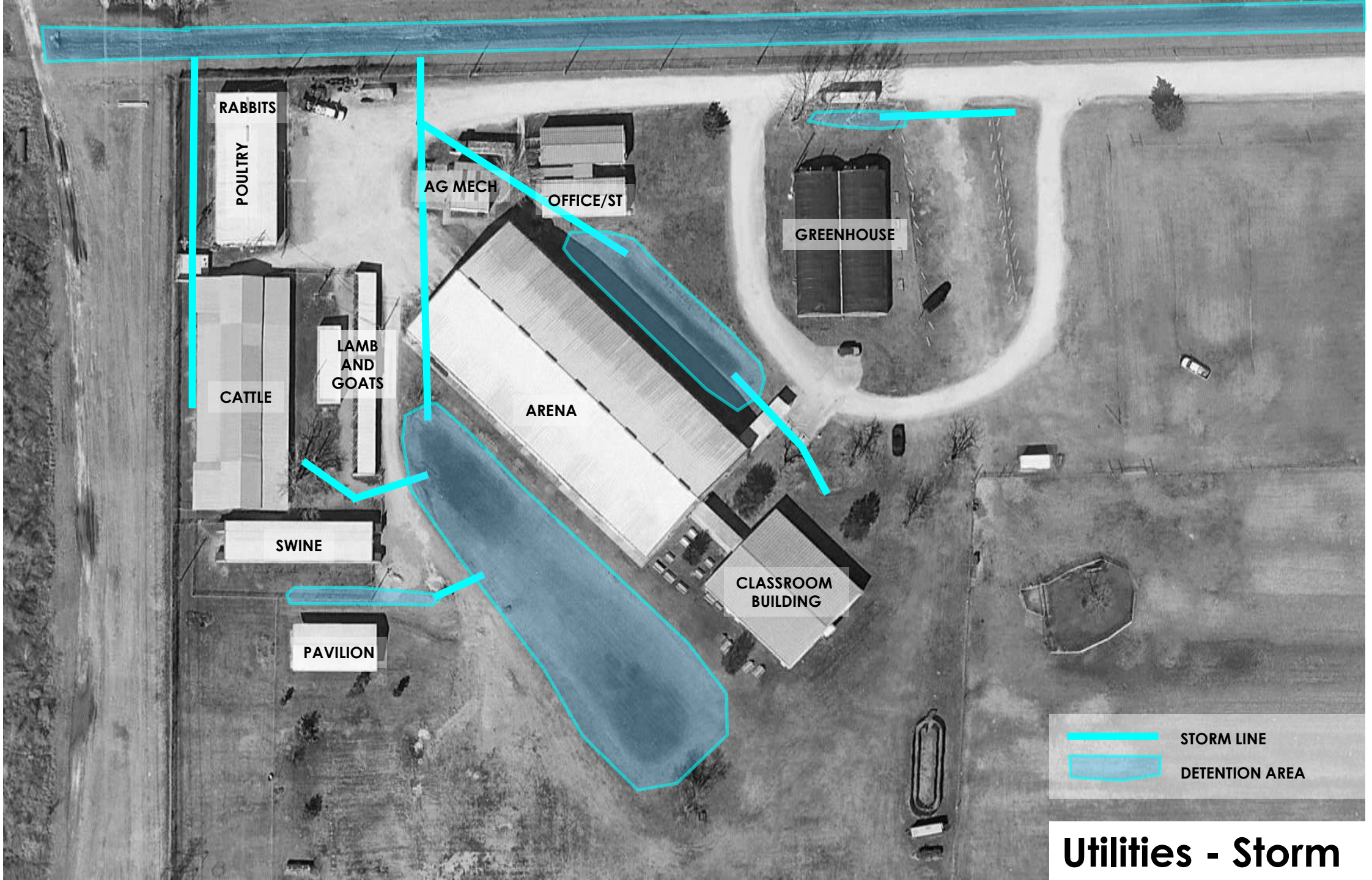


Animal Pathways

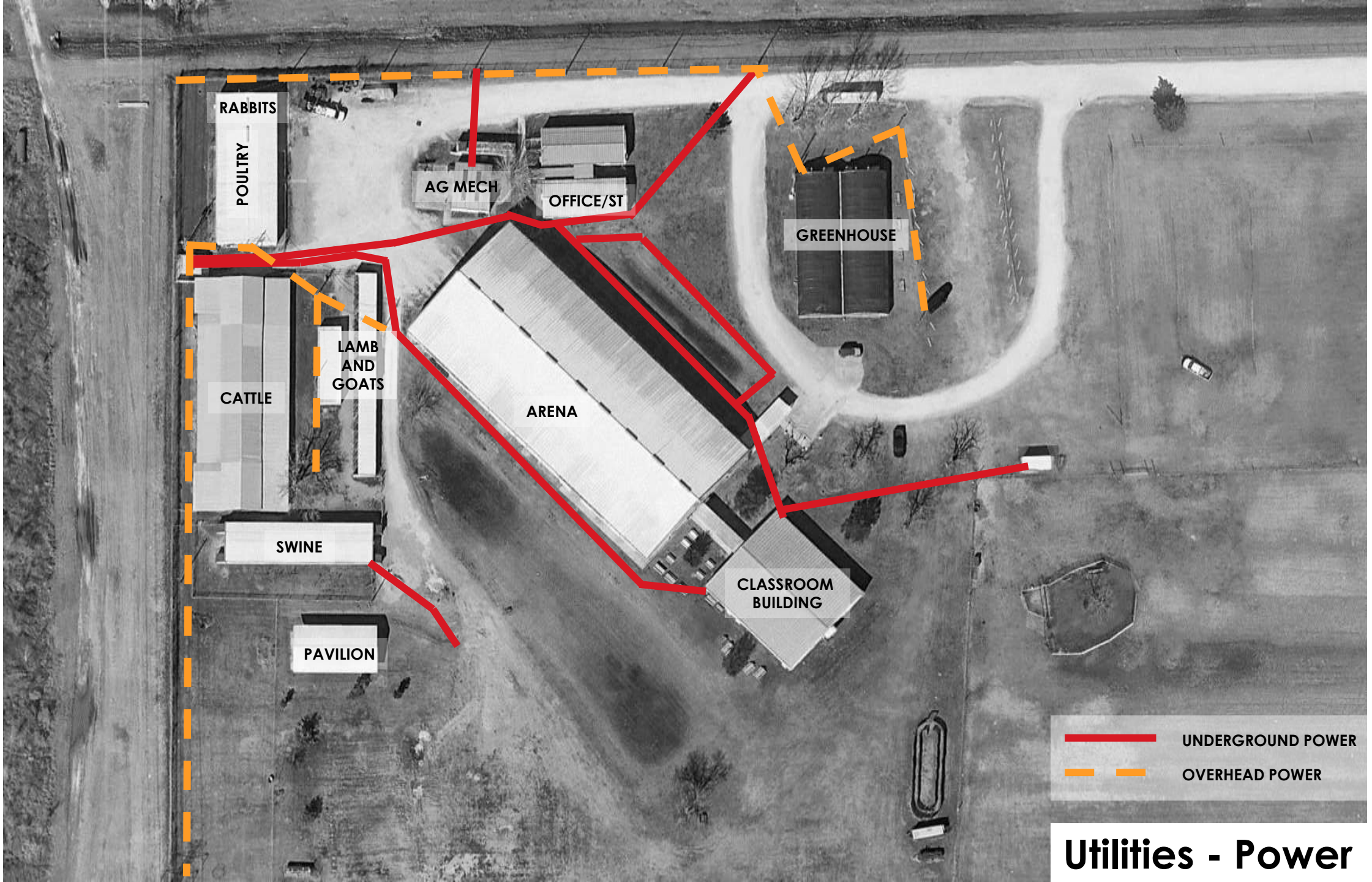
Detention, Grazing, and Vegetation



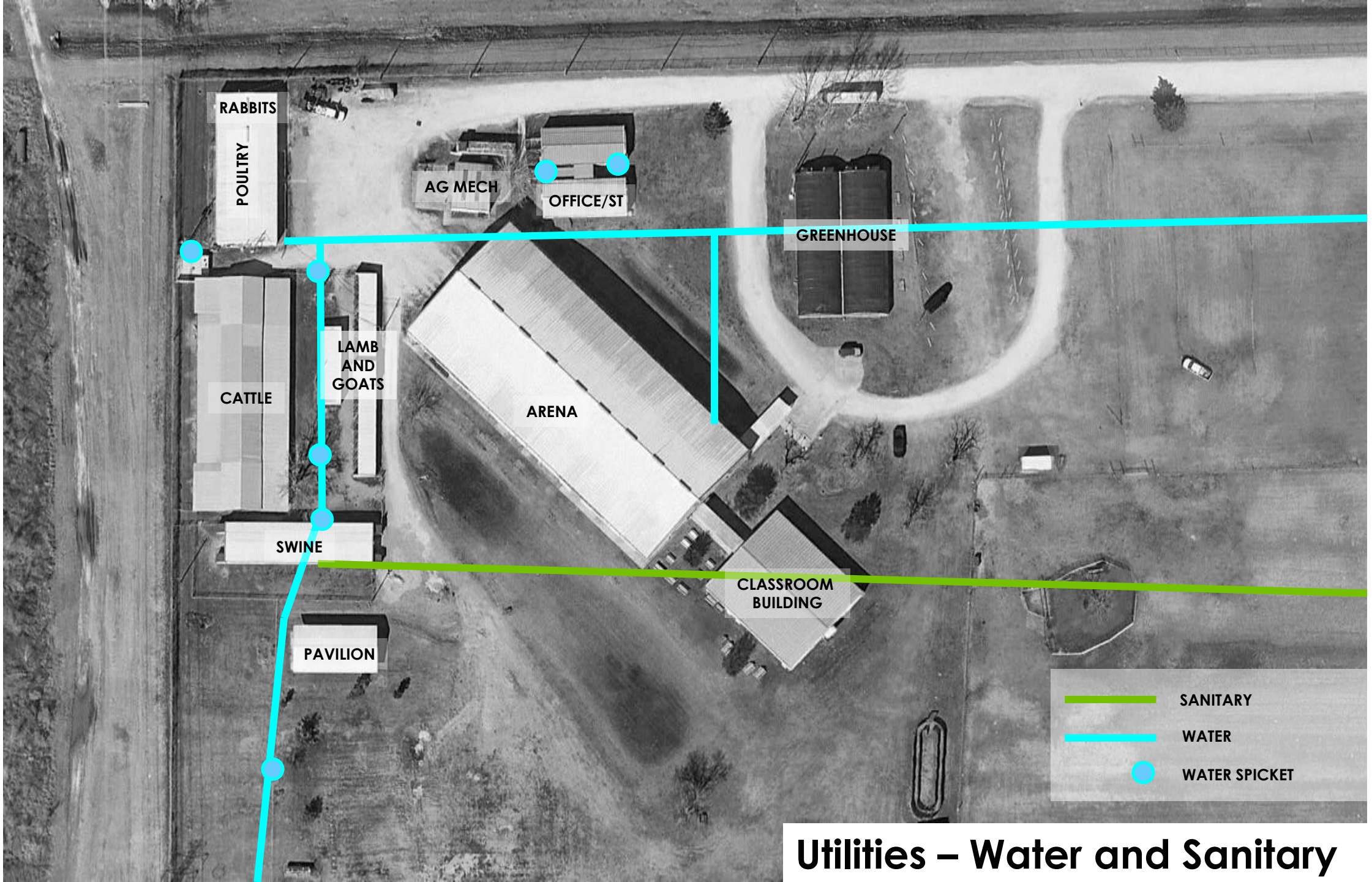
Solar Orientation / Prevailing Winds



Utilities - Storm



Utilities - Power



Utilities – Water and Sanitary

Utilities - Other

Item 5

PROJECT SCOPE OVERVIEW

Scope Overview

Site Infrastructure: Improvements

Drainage / Detention
- City of Houston Detention Requirements
- Sanitary + Stormwater Systems
- Areas that pond water today

Site Lighting / Electrical
- Entry Drive + Parking Areas
- Building Entries
- Electrical Service + Distribution
- Emergency Generator

Regulatory Requirements
- Fire Truck Access
- Texas Accessibility Standards
- Life Safety Analysis

Building Infrastructure
- Building Code Requirements
- Texas Accessibility Requirements
- District Standards

REQUIRED SCOPE

Proposed Scope Overview

Classroom: Addition / Renovation

Instructional Learning Spaces

- Intro Ag Science
- Floral / Wildlife
- Adv. Animal Science
- Ag Practicum / Vet Med
- Multi-purpose Shared Lab

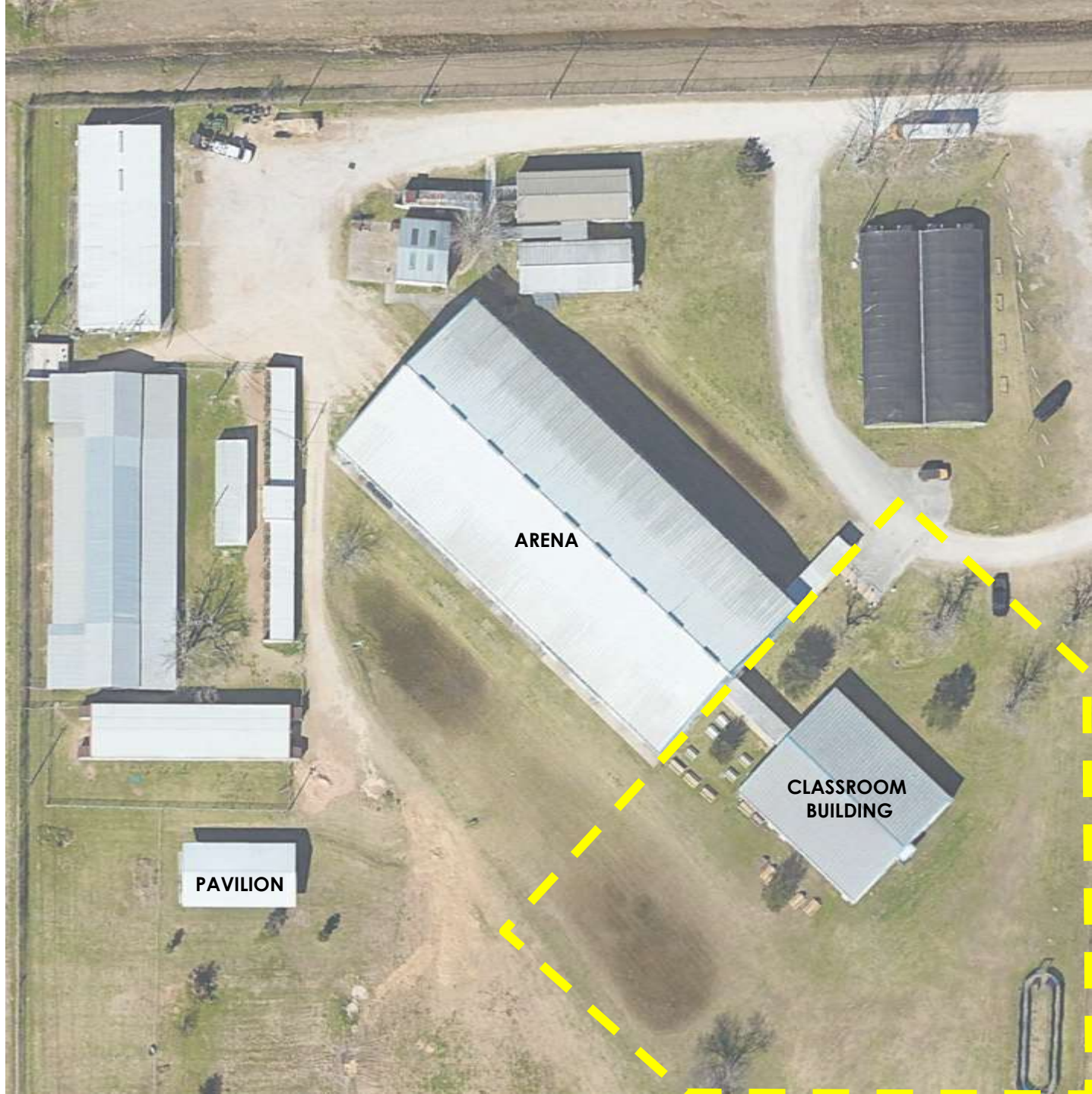
Enterprise Entry

- Entry Vestibule / Waiting
- Branding Display
- Reception: Floral – Floral Arrangements
- Reception: Vet Med – Exam/Grooming

Building Support

- Multi-purpose Conference Room
- Faculty Office / Workroom / Breakroom
- Student + Staff Restrooms
- Custodial Space
- Mechanical + Electrical + Technology

PRIORITY 1



Proposed Scope Overview

Ag Mech + Greenhouse: Replace

Ag Mech Shop

- Instructional Space: Classroom / Lab
- Secure Storage: Tools, Equipment, Materials
- Secure Storage: Grounds Storage

Greenhouse

- Outdoor Learning Lab

PRIORITY 2

Proposed Scope Overview

Show Arena: Improvements

Student Experience

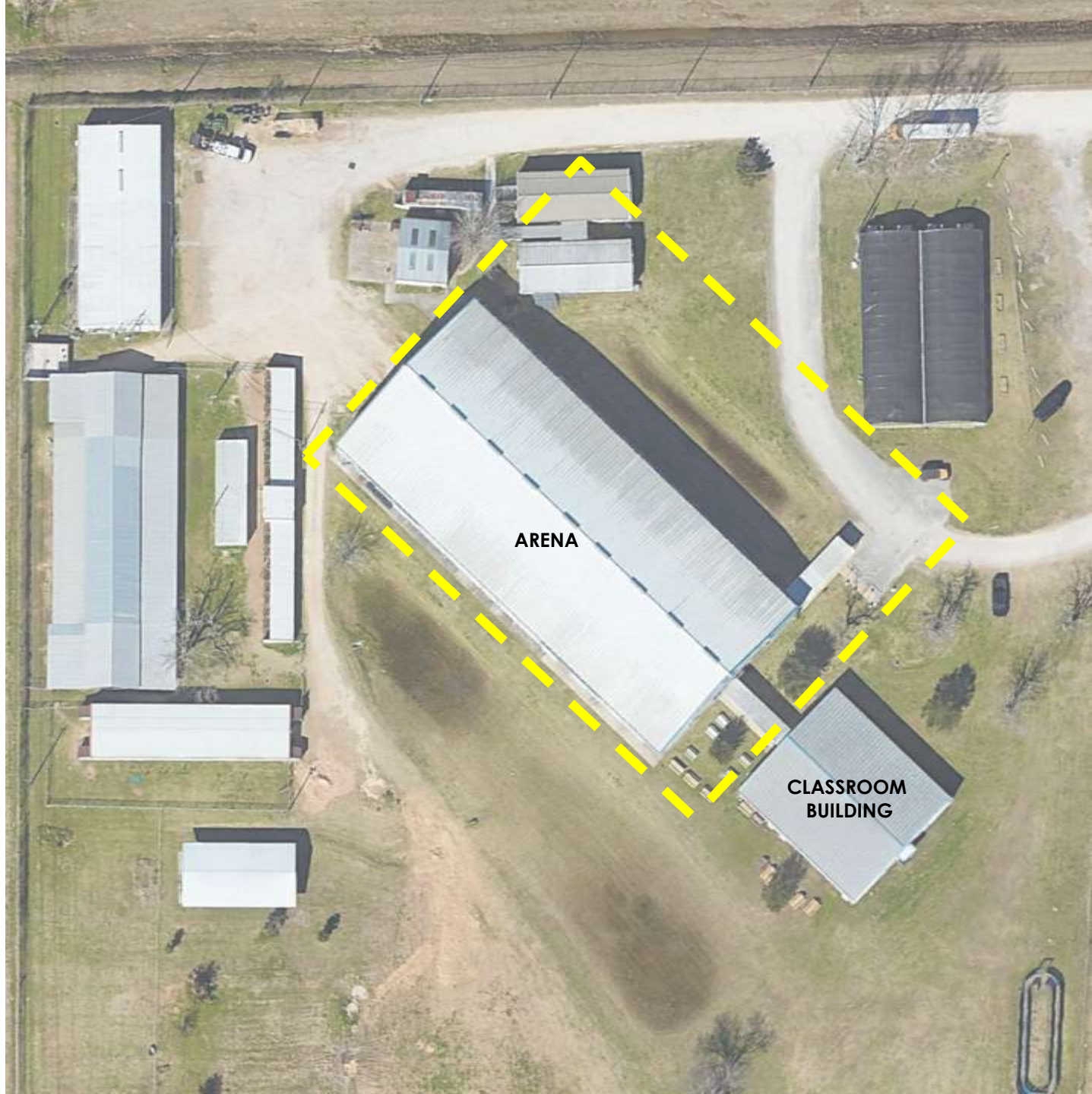
- Animal Showing
- Animal Staging / Grooming
- Areas that pond water today

Visitor Experience

- Approach – Street / Public / Private
- Parking – Student / Staff / Visitor
- Building – Entry / Concessions / Restroom

Community Events

- Student Field Trips
- Animal Auction
- Santa's Farm



PRIORITY 3

Proposed Scope Overview

Animal Pens: Improvements

Rabbit / Poultry
- Regulatory / Life Safety Upgrades
- *Animal Pens / Feed Storage*

Cattle Barn
- Regulatory / Life Safety Upgrades
- *Animal Pens / Feed Storage*

Lamb & Goats
- Regulatory / Life Safety Upgrades
- *Animal Pens / Feed Storage*

Swine
- Regulatory / Life Safety Upgrades
- *Animal Pens / Feed Storage*

PRIORITY 4

Item 6

NEXT STEPS

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PAT Engagement – ASC Meeting Progression Overview

- Site Influences
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April 2023

CONCEPTUALIZE

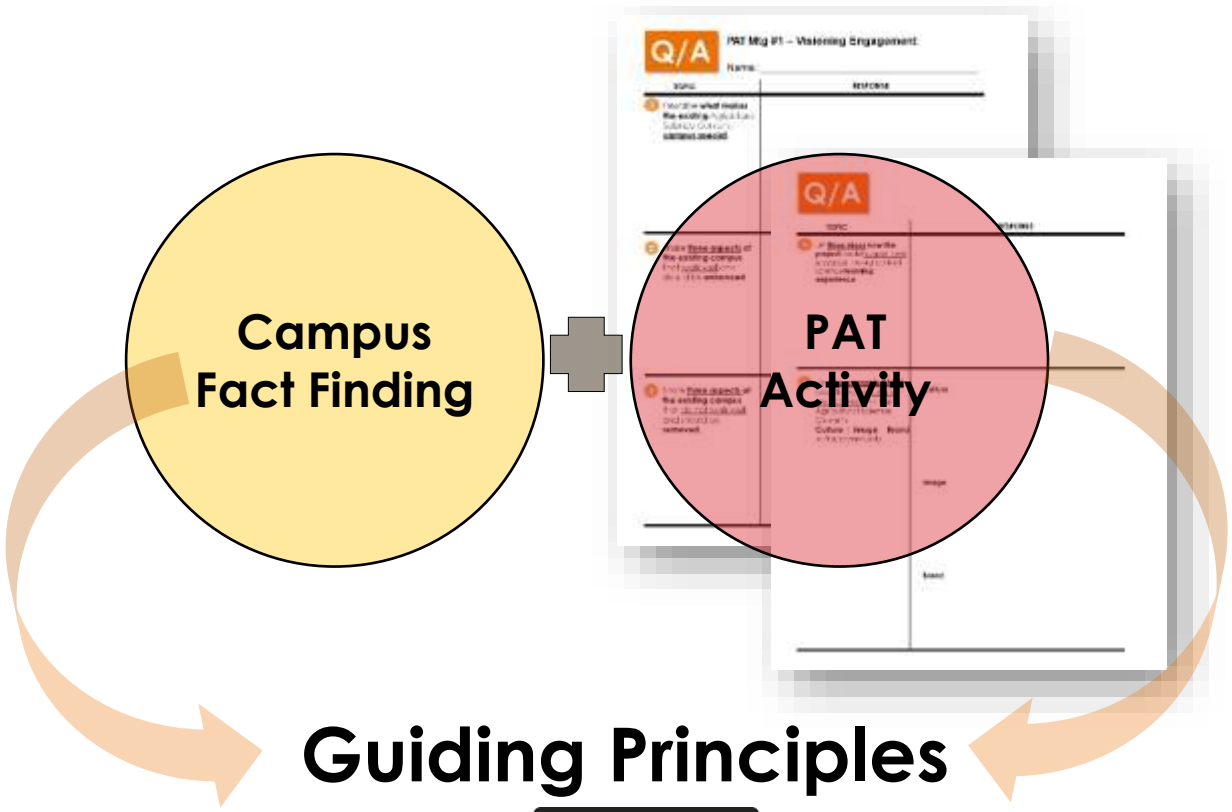
EXPLORE

DEVELOP

REFINE

Next Steps – PAT Meeting#2 Preview

Thursday, March 9th @ 4:00 pm



Guiding Principles

Seek Input/Feedback from PAT

Site/Building Organization

Seek Input/Feedback from PAT

Thank you