

TOWN OF DAVIE
PLANNING & ZONING DIVISION
6591 ORANGE DRIVE, DAVIE, FLORIDA 33314-3399
PHONE: 954.797.1103, WWW.DAVIE-FL.GOV

NOTICE OF MEETING
AGRICULTURAL & ENVIRONMENTAL ADVISORY COMMITTEE

JANUARY 6, 2022 - 5:00 PM

Location: Town of Davie Pine Island Multipurpose Center
3801 South Pine Island Road- Palm Room

Members of the Town Council may be present

***** AGENDA *****

1. ROLL CALL
2. SELECTION OF CHAIR
3. SELECTION OF VICE CHAIR
4. APPROVAL OF MINUTES
 - 4.1. November 10, 2021, Meeting Minutes

Documents:

[DRAFT MINUTES 11-10-21.PDF](#)

5. PRESENTATION
 - 5.1. Farm Park Update By Phillip Holste

Documents:

[GOVERNOR LEROY COLLINS PARK SITE PLAN.PDF](#)

6. OLD BUSINESS
 - 6.1. Sustainability Education (Ms. Schaefer)
 - 6.2. Sustainability Survey Results (Dr. Busey)
 - 6.3. Sustainability Awards 2022 Entry Form (Dr. Busey)
7. NEW BUSINESS
8. ITEMS FOR NEXT AGENDA
9. COMMENTS AND/OR SUGGESTIONS
10. PUBLIC COMMENTS
11. ADJOURNMENT

Persons with disabilities requiring accommodations to participate should contact the Town Clerk at 797-1023 at least five business days prior to the meeting to request such accommodations. If you are hearing or speech impaired, please contact the Florida Relay Service by using the following numbers: 1-800-955-8700 (voice) or 1-800-955-8771 (TDD).

**AGRICULTURAL AND ENVIRONMENTAL ADVISORY COMMITTEE
NOVEMBER 10, 2021**

DRAFT

ROLL CALL

Dr. Philip Busey	P
Adrienne Kaltman, Vice Chair	P (via Webex)
Cynthia Schaefer	P
Jeremy Wehby, Chair	P
Scott Weinstein	A

STAFF PRESENT

David Quigley, Planning & Zoning Manager
Lise Bazinet, Planner II
Lorraine Robinson, Secretary
Ofc. Mark Grunevelt

Chair Wehby called the meeting to order at 5:05 p.m.

1. ROLL CALL

Roll was called and a quorum was established.

2. APPROVAL OF MINUTES

2.1 July 1, 2021 meeting

Motion made by Dr. Busey, seconded by Ms. Schaefer, to approve the minutes. In a voice vote, unanimously. (4-0 with Mr. Weinstein absent)

3. PRESENTATION

**3.1 Manure Disposal
Sgt. Chad Bishop**

Ofc. Mark Grunevelt attended on behalf of the Town Police Mounted Unit. There was discussion of how the manure is stored and disposed. The average is 2-3 loads per month at a cost of \$100.00 per load with an average cost of \$1200.00. This is stored on a private facility which makes it difficult for the public to access and use for soil fertilization.

8. PUBLIC COMMENTS

Staff asked a public comment to be heard in advance of the remaining presentations.

Mr. Sam Alva, resident, wanted to discuss parking areas using coal tar sealant and the toxicity of the products used. Pavement sealants containing coal tar have extremely high levels of polycyclic aromatic hydrocarbons (PAHs). He added that this product is banned in some cities and many stores no longer carry the product. He elaborated on the public health concerns and environmental impacts.

Motion made by Dr. Busey, seconded by Ms. Schaefer, for staff to research coal tar sealants. In a voice vote, the motion passed unanimously. (4-0 with Mr. Weinstein absent)

3.2 Broward Solar Co-op Solar United Neighbors Representative Laura Tellez

Ms. Laura Tellez provided a presentation on solar technology and how the co-op operates. The deadline to join the co-op is November 30, 2021. She described the benefits of solar systems. The cost of installation is 10-20% less if joining the co-op.

There was discussion on savings which include cost of the systems and prices per watt.

Ms. Schaefer stated that after a hurricane, solar systems can provide power. Ms. Tellez said that a solar system with battery storage is needed for stored power.

There are resources for those that want to utilize solar if the co-op period has closed and Solar United is available to assist with options. There are plans to start a new co-op in 2022.

3.3 Race to Zero David Quigley

Mr. David Quigley provided a sustainability update and assessment of Race to Zero presentation. In 2011, the Town created a Sustainability Action Plan with focus on community wide sustainability planning and examination of municipal operations. He outlined the different organizations related to local government sustainability the Town participates in. Details were provided on the Town adopted sustainable municipal operations improvements and programs. The global target is by 2050. ICLEI is the greatest resource in helping the Town plan and achieve these goals. Council direction is to (1) adopt to join Race to Zero through ICLEI; and (2) find funding source to update and extend the 2011 Sustainability Action Plan.

Ms. Bazinet provided an update of the actions already taking after town council approved the resolution to join the “Race to Zero” movement which included (1) Mayor Paul signing the ICLEI150 Commitment Form; (2) providing a video talking about the town joining “Race to Zero”; and (3) staff working in the first phase of the Sustainability Action Plan update by requesting consultant proposals.

Dr. Busey said that by 2050 the municipality could be carbon neutral, but residents won't be at that level. Ms. Schaefer said that education is an important component. Mr. Quigley responded that the Town is in the process of hiring a consultant for the Sustainability Action Plan update and includes the municipality and community.

4. OLD BUSINESS

4.1 Sustainability Awards Winners Selection

1. Air Potato Beetle Biological Control Release
2. Cindy Rust
3. Eric Swalley
4. Garden a la Carte
5. Gleaning for Good
6. Hope Outreach Food Bank Garden

DRAFT

Dr. Busey questioned the form design and information contained. Chair Wehby suggested that modifications to the format and renaming the awards to be discussed at the next meeting and added as an agenda item.

Motion made by Ms. Schaefer, seconded by Chair Wehby, to award all (6) entries.

1. *Air Potato Beetle Biological Control Release*

2. *Cindy Rust*

3. *Eric Swalley*

4. *Garden a la Carte*

5. *Gleaning for Good*

6. *Hope Outreach Food Bank Garden*

In a voice vote, the motion passed unanimously. (4-0 with Mr. Weinstein absent)

4.2 Solar Initiative (Wehby)

Deferred to next meeting.

4.3 Recycling Yard Waste (Discussion Item)

Deferred to next meeting.

4.4 Sustainability Education (Discussion Item)

Ms. Schaefer agreed to bring an action plan to the next meeting.

4.5 Sustainability Survey (Dr. Busey)

Deferred to next meeting.

5. NEW BUSINESS

5.1 2022 Calendar

6. ITEMS FOR NEXT AGENDA

1. Sustainability Education (Discussion Item)
2. Sustainability Survey Results (Dr. Busey)
3. Sustainability Awards 2022 Entry Form

7. COMMENTS AND/OR SUGGESTIONS -

8. PUBLIC COMMENTS

This item was heard earlier in the meeting.

9. ADJOURNMENT

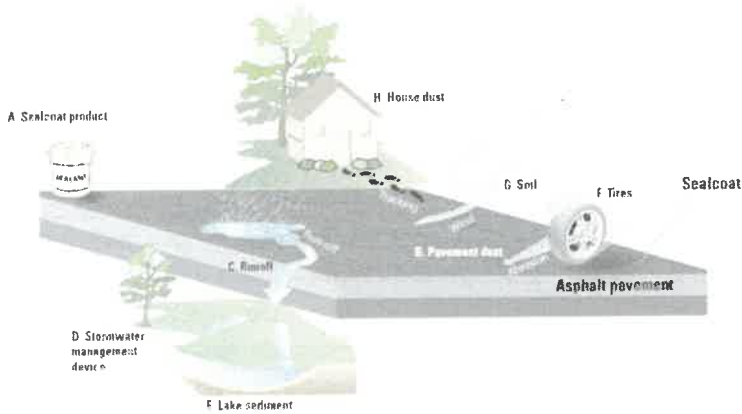
The meeting was adjourned at 6:37 p.m.

Date Approved: _____

Chair/Board Member

We are part of a clean, healthy and beautiful community here at AMLI TOSCANA.

Unfortunately, the toxic sealcoat being applied right now is taking that away.



The sealant being used is COAL TAR sealant.

What is COAL TAR? – Coal tar is toxic waste product from processing coal that is QUIETLY SOLD to seal asphalt in our communities. We unknowingly come into REGULAR CONTACT with it. It's a human 1A carcinogen and POTENT POLLUTANT OF OUR AIR AND WATER.

WHAT MAKES IT TOXIC? – Coal tar sealant contains toxins known as PAH's, or Polycyclic Aromatic Hydrocarbons, carcinogens that are released into the air and dissolve into dust that is tracked into our homes.

LEVELS OF TOXIC PAH COMPARISON – Note: The “hazard” threshold is 22.8 ppm (parts per million)

Regular pavement has 1.5 parts per million.

Asphalt-based sealant, a cost-effective alternative, has 50-60 ppm.

Motor Oil has 470 ppm.

Coal Tar Sealant has 35,000 to 200,000 ppm! That is 100 times worse than motor oil and 1000 times worse than asphalt-based sealant (which is already above the threshold of being considered hazardous)

That is why I care so strongly about preserving the health of the residents and environment around our beautiful home. It ruins waterways and kills bottom-dwelling organisms which effects the food chain. Our kids and pets are vulnerable to exposure as well as they often play on the floor of our homes. The Environmental Pollution journal states that children who live near parking lots coated with tar-based sealcoats ingest 14 times more PAHs than those who live next to unsealed lots. As coal tar sealant dust spreads, humans and animals can inhale it, swallow it, or absorb it through their skin, and a study conducted by the USGS and Baylor University found that people's cancer risk skyrockets 38 times on average by living next to coal tar pavements.

Has it been BANNED?

HARDWARE STORES like Lowe's, Home Depot, Ace and United Hardware have stopped selling it and it has been banned in major cities like Washington D.C., Austin, San Antonio and the entire states of Washington, Minnesota, and Maine as awareness of this dangerous substance spreads.

*** I know we live with toxins everyday, but this is at a magnitude of scale many times greater than your typical encounter. That is why I care so deeply about this. I just moved into AMLI last week. I want to keep breathing in clean air and not worry about what I track into my home or the long-term health effects I may suffer by living here. Reputable, science-based sources are listed below and you can text me at 707-726-2582 to receive the hyperlinks. Simple google searches will show you how dangerous coal tar-based products are for human and environmental health.

WHAT CAN WE DO?

Coal tar can be safely removed with spot-blasting or covering it with asphalt-based sealant to prevent it from leeching out. I spoke with both Kirk (954-444-4925) at Atlantic Southern Paving (the contractor doing the sealcoat) as well as the VP of the AMLI Corporate Office (954-556-9046) and they both seem determined to continue with the project, although the corporate office said they would at least discuss switching to the asphalt-based sealant (again while not the best, it is a thousands times less toxic and still cost-effective). AMLI prides itself for being a leader in green initiatives, and while we should commend them for their work in promoting LEED appliances, low-VOC paint and carpets, etc. this one project completely undermines all that positive momentum. I hope to bring this to the Davie town officials as well in the future. But for now, this is happening HERE.

Basically, coal tar is the cheapest option, but compromising our health is simply NOT.

Please consider signing my petition to stop the coal tar sealant from progressing and switch to the much safer asphalt-based option. Please call both the leasing and corporate offices to voice your concern so we can make this happen before it's too late. They may not sealcoat for another ten years so this is our chance!

Thank you neighbors.

-Sam Alva

Sources: USGS – United States Geological Survey - [Coal-Tar-Based Pavement Sealcoat, PAHs, and Environmental Health \(usgs.gov\)](#)

EPA (Environmental Protection Agency) - [Polycyclic Aromatic Hydrocarbons, Coal-Tar Sealcoat, and Stormwater Pollution \(epa.gov\)](#)

Cancer.gov - [Coal Tar and Coal-Tar Pitch - Cancer-Causing Substances - National Cancer Institute](#)

Coal Tar Free America – [coaltarfreeusa.com](#)

Consumer Notice - [Coal Tar in Pavement Sealants | Risks and Bans \(consumernotice.org\)](#)

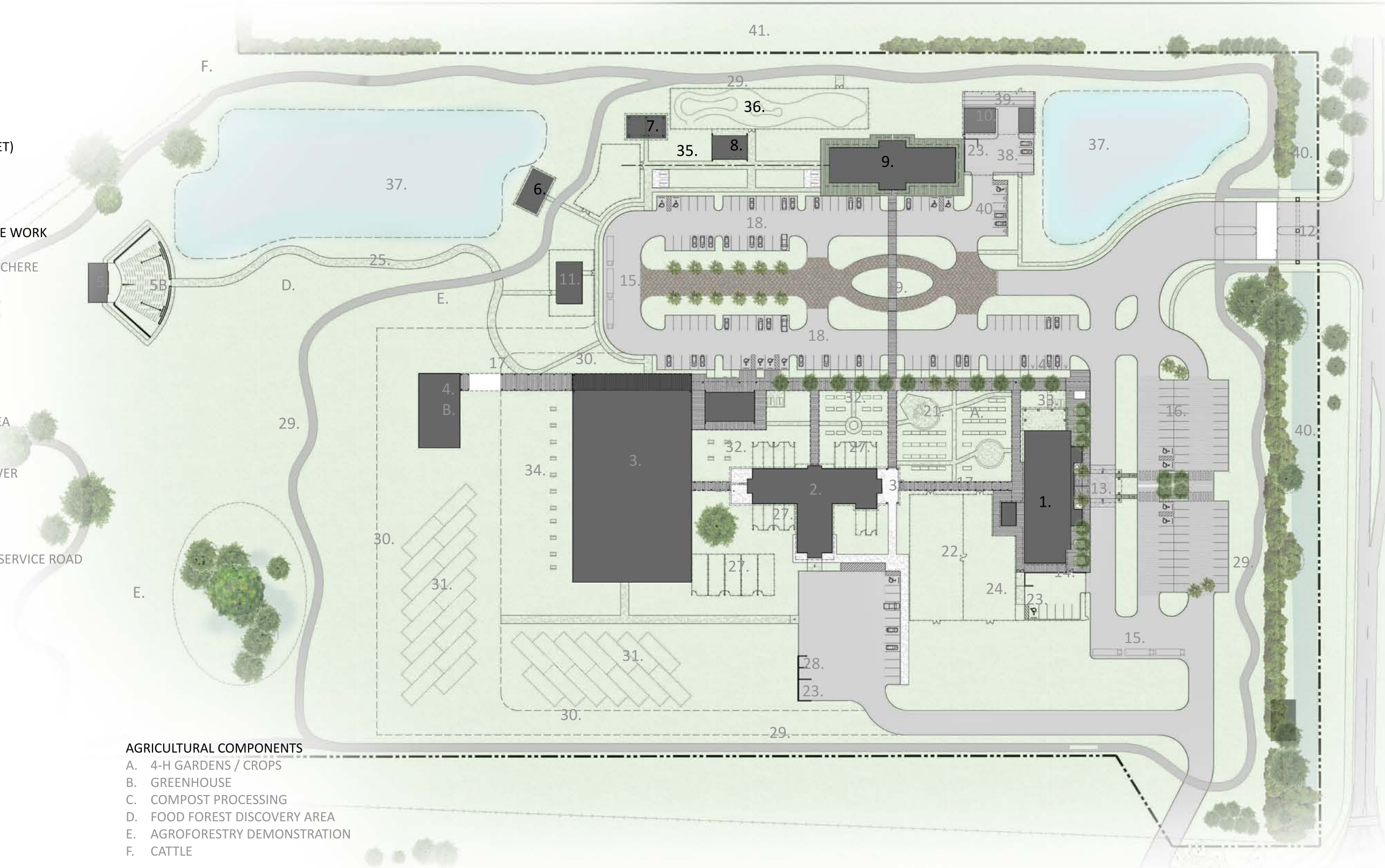
USA Today Article - [www.usatoday.com/story/money/business/2013/06/16/toxic-driveways-cities-states-ban-coal-tar-pavement-sealants](#)

- BUILDINGS**
- 1 MUSEUM / EDUCATION CENTER
 - 2 STABLES
 - 3 COVERED RING
 - 3B RESTROOMS (COVERED RING)
 - 4 GREENHOUSE
 - 5 OBSERVATION TOWER
 - 5B OUTDOOR AMPHITHEATRE
 - 6 PAVILION A
 - 7 PAVILION B
 - 8 RESTROOMS (FARMER'S MARKET)
 - 9 FARMER'S MARKET
 - 10 MAINTENANCE BUILDING
 - 11 CARETAKERS HOUSE

- EXTERIOR CONSTRUCTION / SITE WORK**
- 12 MAIN ENTRY
 - 13 COVERED DROP-OFF PORTE COCHERE
 - 14 MUSEUM SERVICE AREA
 - 15 BUS PARKING
 - 16 EAST PARKING LOT
 - 17 COVERED WALKWAY
 - 18 NORTH PARKING LOT
 - 19 PEDESTRIAN LINK
 - 20 FARM PARK MAIN STREET
 - 21 4-H GARDENS/ CROPS
 - 22 FARM EQUIPMENT DISPLAY AREA
 - 23 DUMPSTER
 - 24 FARM BARNYARD ANIMALS
 - 25 PEDESTRIAN WALKWAY TO TOWER
 - 26 STABLE SERVICE AREA
 - 27 PADDOCKS
 - 28 OPEN MANURE PILE
 - 29 HORSE TRAIL
 - 30 FIRE TRUCK STABILIZED LANE | SERVICE ROAD
 - 31 OVERFLOW PARKING
 - 32 COMMUNITY GARDENS
 - 33 COVERED PORCHES
 - 34 RING EVENT EXPANSION AREA
 - 35 PLAYGROUND
 - 36 BUTTERFLY GARDEN
 - 37 RETENTION AREA
 - 38 MAINTENANCE AREA SERVICE
 - 39 SOLAR PANELS

- SITE FEATURES**
- 40 ELECTRIC VEHICLE CHARGING
 - 41 VETERANS PARKING
 - 42 CANAL
 - 43 RESIDENTIAL
 - 44 EDUCATIONAL WETLANDS

- AGRICULTURAL COMPONENTS**
- A. 4-H GARDENS / CROPS
 - B. GREENHOUSE
 - C. COMPOST PROCESSING
 - D. FOOD FOREST DISCOVERY AREA
 - E. AGROFORESTRY DEMONSTRATION
 - F. CATTLE



SITE PLAN - 10.20.21

