STATE OF DELAWARE
OFFICE OF MANAGEMENT AND BUDGET
OFFICE OF STATE PLANNING COORDINATION

June 25th, 2026

Attn: Dakota Laidman-Murray
McKim & Creed
200 Continental Drive, Suite 400
Newark, DE 19713

RE: PLUS review – 2026-05-01 ; 1000 GBC Drive

Dear Ms. Murray:

Thank you for meeting with State agency planners on June 3rd, 2026 to discuss 1000 GBC Drive. According to the information received, you are seeking review of a proposed 137,900 GTA research and development facility site plan.

Please note that changes to the plan, other than those suggested in this letter, could result in additional comments from the State. Additionally, these comments reflect only issues that are the responsibility of the agencies represented at the meeting. **The developers will also need to comply with any Federal, State, and local regulations regarding this property. We also note that New Castle County is the governing authority over this land, the developers will need to comply with any and all regulations/restrictions set forth by the County.**

Strategies for State Policies and Spending

Based on its location in a Level 2 and Level 3 investment area, this project may be consistent with the 2025 Strategies for State Policies and Spending. Investment Level 2 reflects areas where growth is anticipated by local, county, and State plans in the near-term future. Investment Level 3 reflects areas where growth is anticipated by local, county, and state plans in the longer-term future, or areas that may have environmental or other constraints to development.

Based on comments from State agencies below, this parcel contains environmental concerns or other constraints to development, the state requests that the applicant and the local jurisdiction work with state agencies to design the site with respect to those environmental features which will help create a more sustainable development.

The northern portions of the parcel where it is heavily forested contribute to the State Strategies with points for preservation as part of the Delaware Ecological Network and an Ag Forest of Importance. Every effort to maintain the mature forested areas on the parcel should be made. In addition, there is the possibility of the presence of bog turtles, a federally protected species.

Code Requirements/Agency Permitting Requirements

Department of Transportation – Contact Stephen Bayer 302-760-4834

- GBC Drive is a state-owned and state-maintained road. As such, any access point onto GBC Drive must be designed in accordance with DelDOT's Development Coordination Manual, which is available at http://www.deldot.gov/Business/subdivisions/index.shtml?dc=changes.

- Pursuant to Section 1.3 of the Manual, a Pre-Submittal Meeting is required before plans are submitted for review. The form needed to request the meeting and guidance on what will be covered there and how to prepare for it is located at https://www.deldot.gov/Business/subdivisions/pdfs/Meeting_Request_Form.pdf?08022017.

- Section 1.7 of the Manual addresses fees that are assessed for the review of development proposals. DelDOT anticipates collecting the Initial Stage Fee when the record plan is submitted for review and the Construction Stage Fee when construction plans are submitted for review.

- In terms of traffic analysis and based on the requirements of the Development Coordination Manual this proposed project will require a Traffic Impact Study (TIS). As discussed in the PLUS meeting this project is participating in the Expedited Review Process and the traffic analysis has already occurred.

- As necessary, in accordance with Section 3.2.5 and Figure 3.2.5-a of the Development Coordination Manual, DelDOT will require dedication of right-of-way along the site's frontage. By this regulation, this dedication is to provide a minimum of 30 feet of right-of-way from the physical centerline of all State maintained roads. The following right-of-way dedication note is required, "**A 30-foot-wide strip of right-of-way from the centerline is hereby dedicated in fee simple to the State of Delaware, acting by and through the Delaware Department of Transportation."**

- In accordance with Section 3.2.5.1.2 of the Manual, DelDOT will require the establishment of a 15-foot-wide permanent easement across the property frontage with State maintained roadways. The location of the easement shall be outside the limits of

the ultimate right-of-way. The easement area can be used as part of the open space calculation for the site. The following note is required, "**A 15-foot-wide permanent easement is hereby dedicated in fee simple to the State of Delaware, acting by and through the Delaware Department of Transportation."**

- In accordance with Section 3.8 of the Manual, storm water facilities, excluding filter strips and bioswales, shall be located a minimum of 20 feet from the ultimate State right-of-way along all State maintained roads.

- Referring to Section 3.4.2.1 of the Development Coordination Manual, the following items, among other things, are required on the Record Plan:

    - A Traffic Generation Diagram. See Figure 3.4.2-a for the required format and content.

    - Notes identifying the type of off-site improvements, agreements (signal, letter) contributions and when the off-site improvements are warranted.

- In accordance with Section 5.4 of the Manual, sight distance triangles are required and shall be established in accordance with American Association of State Highway and Transportation Officials (AASHTO) standards. A spreadsheet has been developed to assist with this task. It can be found at http://www.deldot.gov/Business/subdivisions/index.shtml.

- In accordance with Section 5.14 of the Manual, all existing utilities must be shown on the plan and a utility relocation plan will be required for any utilities that need to be relocated.

- In accordance with Section 5.2.9 of the Development Coordination Manual, the Auxiliary Lane Worksheet should be used to determine whether auxiliary lanes are warranted at the site entrances and how long those lanes should be. The worksheet can be found at http://www.deldot.gov/Business/subdivisions/index.shtml.

Department of Natural Resources and Environmental Control – Contact Beth Krumrine 302-735-3480

Staff from the Delaware Department of Natural Resources and Environmental Control (DNREC) reviewed the project submitted for PLUS review. The absence of comments regarding specific resources does not indicate that there are not additional constraints or environmental issues on site, nor does it indicate DNREC support of a project.

Bog Turtle

Habitat suitable for the bog turtle (*Glyptemys muhlenbergii*) exists on the project site. The bog turtle is protected under the Federal Endangered Species Act.

- Consult with the U.S. Fish and Wildlife Service to determine what permits or surveys may be required. Projects can be submitted through the Information for Planning and Consultation tool through the U.S. Fish and Wildlife Service at https://ecos.fws.gov/ipac/.

- To ensure that the project will not impact bog turtles or their habitat, a Phase I survey for bog turtle habitat must be conducted on the entire project parcel(s) prior to any land disturbing activity taking place. Phase I surveys can be conducted any time of year when ice and/or snow cover is not present.

- If potential bog turtle habitat is found during Phase I surveys, you are required to either:

    1. Completely avoid all direct and indirect project impacts to the wetland and implement a 300-foot buffer of the wetland, in consultation with the U.S. Fish and Wildlife Service and DNREC Division of Fish and Wildlife; or

    2. Have surveys (Phase II and/or trapping) conducted to determine if bog turtles are present. In accordance with Delaware's bog turtle site survey procedures, surveys must be conducted by a qualified bog turtle surveyor between April 15 and June 15. Please note that surveys may confirm presence of turtles, but they cannot confirm absence and guidance to minimize impact to the habitat may be applicable even if bog turtles are not found during surveys.

- All bog turtle surveys must be conducted by a Delaware approved bog turtle surveyor.

- Please contact the DNREC Division of Fish and Wildlife Species Conservation and Research Program to obtain a list of professionals who are qualified to conduct Phase I and II surveys.

Federal Contact: U.S. Fish and Wildlife Service, Chesapeake Bay Ecological Services Field Office at (410) 573-4599.
Website: https://www.fws.gov/office/chesapeake-bay-ecological-services

State Contact: DNREC Division of Fish and Wildlife, Species Conservation and Research Program at (302) 735-3600. Website: https://dnrec.delaware.gov/fish-wildlife/conservation/

Natural Areas/Nature Preserves

According to DNREC GIS data, some forest removal appears to be proposed within the Christina River Natural Area, located in the northeast portion of the parcel. Natural Areas contain lands of statewide significance identified by the Governor's Natural Areas Advisory Council as containing a high quality of natural features unique to Delaware.

- Local codes and ordinances may apply to protect areas designated as Natural Areas. Please consult with local planning agencies to see how local codes and ordinances may impact the proposed development of this site.

Contact: DNREC Division of Parks and Recreation, Office of Nature Preserves at (302) 739-9039. Website: https://dnrec.delaware.gov/parks/natural-areas/

Stormwater Management

The project proposes greater than 5,000 square feet of land disturbing activities and will be subject to Delaware's *Sediment and Stormwater Regulations*.

- A Sediment and Stormwater Plan must be developed, then approved by the appropriate plan review agency, prior to any land disturbing activity taking place on the site. For this project, the plan review agency is the New Castle County Department of Land Use.

- Additionally, to address federal requirements, construction activities that exceed 1.0 acre of land disturbance require Construction General Permit coverage through submittal of an electronic Notice of Intent for Stormwater Discharges Associated with Construction Activity. This form must be submitted electronically https://enoi.dnrec.delaware.gov/, (select Construction Stormwater General Permit) to the DNREC Division of Watershed Stewardship, along with the $195 fee.

- Schedule a project application meeting with the appropriate plan review agency prior to moving forward with the stormwater and site design. As part of this process, you must submit a Stormwater Assessment Study.

Plan review agency contact: New Castle County Department of Land Use at (302) 395-5400.

Website: https://www.newcastlede.gov/2420/Land-Use

General Stormwater contact: DNREC Sediment and Stormwater Program at (302) 739-9921.
E-mail: DNREC.Stormwater@delaware.gov.
Website: https://dnrec.delaware.gov/watershed-stewardship/sediment-stormwater/

Hydrologic Soils Group

Hydrologic Soil Group C and D, poorly drained soils, have been identified in the eastern and western portions of the site. These soil types could worsen existing drainage issues if present and are typically not conducive to utilizing infiltration stormwater Best Management Practices such as bioretention and infiltration basins. These practices must meet minimum infiltration requirements.

- Any stormwater Best Management Practices that propose the use of infiltration or natural recharge shall include a soils investigation.

Contact: DNREC Sediment and Stormwater Program at (302) 739-9921.
E-mail: DNREC.Stormwater@delaware.gov.
Website: https://dnrec.delaware.gov/watershed-stewardship/sediment-stormwater/

Wetlands and Waterways

Maps from the Statewide Wetlands Mapping Project indicate the potential presence of a potential intermittent blue line stream located in the northeast portion of the property. The application indicates that wetlands have been delineated. The application states that the project does not propose direct impacts to the wetlands/waterways.

- If plans change and wetlands are disturbed, please contact the Wetlands and Waterways Section for more information on permitting requirements.

State Contact: DNREC Wetlands and Waterways Section at (302) 739-9943.
Website: https://dnrec.delaware.gov/water/wetlands/

Wastewater Disposal Systems – Large Systems

For wastewater conveyance offsite by way of a new sewer connection, flow rates exceeding 2,500 gallons of liquid waste per day will require a Wastewater Pollution Collection and Conveyance (WPCC) permit from the Commercial and Government Services section.

Contact: DNREC Commercial and Government Services Section at (302) 739-9948.
Website: https://dnrec.delaware.gov/water/commercial-government/

Air Quality – Particulate Emissions
Particulate emissions are regulated by DNREC's Division of Air Quality. To control particulate emissions from construction and materials handling operations, the following is required:

- The applicant must use dust suppressants and other measures during demolition activities, grading, land clearing, excavation of non-paved roads, material movement or storage, and sandblasting activities.

Contact: DNREC Division of Air Quality at (302) 739-9402.
Website: https://dnrec.delaware.gov/air/permitting/

Delaware Emergency Management Agency – Contact Phillip Cane 302-659-2325

Proposed Project Parcel Flood Concern
- This parcel is located within an area of **Minimal Flood Concern of 1000 years or greater**.

Parcel Status within County Evacuation Zone Location
- The parcel is not yet located within a New Castle County Evacuation Zone.

Parcel Status within the 10-mile Emergency Planning Zone (EPZ) for the Salem Nuclear Power Plant
- The parcel **is not** located within the 10-mile EPZ for the Salem Nuclear Power Plant.

State Historic Preservation Office – Contact Carlton Hall 302-736-7400

- Soils are a combination of poorly drained and moderately well drained. Sunset Lake and Muddy Run are to the east/northeast. Cooch's Bridge is to the north, and Glasgow Park is to the south.

- There is a Revolutionary War-era battlefield on the parcels to the north that has since been mostly if not all destroyed. Artifacts were identified throughout the field bordering the subject property, so it is unknown if there would be further artifacts within the project area.

- Glasgow Park has multiple archaeological sites identified within, many precontact but some with historic components. There are also other known archaeological sites in the vicinity of the parcel.

- The parcel in question is in a highly archaeologically sensitive area and is very close by to a historic battlefield. We recommend an archaeological survey prior to any ground disturbing activities and request that the applicant contact the New Castle County Historic Review Board for their review of the project and any extra recommendations and requirements.

- There was a historic structure with potential outbuildings on the western edge of the parcel. Historic agricultural complexes are often associated with unmarked historic graves and cemeteries. We request that the applicant be aware of the Unmarked Human Burials and Human Skeletal Remains Law (Del C. Title 7, Ch.54).

If there are any questions, inquiries, or concerns, feel free to contact the Delaware State Historic Preservation Office for assistance at 302-736-7400**.**

Delaware State Fire Marshall's Office – Contact Duane Fox 302-739-4394
This document is for information purposes only and does not constitute any type of approval from the Delaware State Fire Marshal's Office.

At the time of formal submittal, the applicant shall provide; completed application, fee, and three sets of plans depicting the following in accordance with the Delaware State Fire Prevention Regulation (DSFPR):

Fire Protection Water Requirements:

- Water distribution system capable of delivering at least 1500 gpm for 2-hour duration, at 20-psi residual pressure is required. Fire hydrants with 800 feet spacing on centers. (Industrial and Storage)

- Water distribution system capable of delivering at least 1000 gpm for 1-hour duration, at 20-psi residual pressure is required. Fire hydrants with 800 feet spacing on centers. (Business)

- Where a water distribution system is proposed for the site, the infrastructure for fire protection water shall be provided, including the size of water mains for fire hydrants and sprinkler systems.

Fire Protection Features:

- All structures over 10,000 Sq. Ft. aggregate will require automatic sprinkler protection installed.

- Buildings greater than 10,000 sqft, 3-stories or more, over 35 feet, or classified as High Hazard, are required to meet fire lane marking requirements

- Show Fire Department Connection location (Must be within 300 feet of fire hydrant), and detail as shown in the DSFPR.

- Show Fire Lanes and Sign Detail as shown in DSFPR

Accessibility

- All premises, which the fire department may be called upon to protect in case of fire, and which are not readily accessible from public roads, shall be provided with suitable gates and access roads, and fire lanes so that all buildings on the premises are accessible to fire apparatus. This means that the access road to the subdivision from GBC Drive must be constructed so fire department apparatus may negotiate it.

- Fire department access shall be provided in such a manner so that fire apparatus will be able to locate within 100 ft. of the front door.

- Any dead-end road more than 300 feet in length shall be provided with a turn-around or cul-de-sac arranged such that fire apparatus will be able to turn around by making not more than one backing maneuver. The minimum paved radius of the cul-de-sac shall be 38 feet. The dimensions of the cul-de-sac or turn-around shall be shown on the final plans. Also, please be advised that parking is prohibited in the cul-de-sac or turn around.

- The use of speed bumps or other methods of traffic speed reduction must be in accordance with Department of Transportation requirements.

- The local Fire Chief, prior to any submission to our Agency, shall approve in writing the use of gates that limit fire department access into and out of the development or property.

Gas Piping and System Information:

- Provide type of fuel proposed and show locations of bulk containers on plan.

Required Notes:

- Provide a note on the final plans submitted for review to read “All fire lanes, fire hydrants, and fire department connections shall be marked in accordance with the Delaware State Fire Prevention Regulations”

- Proposed Use

- Alpha or Numerical Labels for each building/unit for sites with multiple buildings/units

- Square footage of each structure (Total of all Floors)

- National Fire Protection Association (NFPA) Construction Type

- Maximum Height of Buildings (including number of stories)
- Note indicating if building is to be sprinklered
- Name of Water Provider
- Letter from Water Provider approving the system layout
- Provide Lock Box Note (as detailed in DSFPR) if Building is to be sprinklered
- Provide Road Names, even for County Roads

Recommendations/Additional Information

This section includes a list of site-specific suggestions that are intended to enhance the project. These suggestions have been generated by the State Agencies based on their expertise and subject area knowledge. **These suggestions do not represent State code requirements.** They are offered here in order to provide proactive ideas to help the applicant enhance the site design, and it is hoped **(but in no way required)** that the applicant will open a dialogue with the relevant agencies to discuss how these suggestions can benefit the project.

Department of Transportation – Contact Stephen Bayer 302-760-4834

- The applicant should expect a requirement that all PLUS and Technical Advisory Committee (TAC) comments be addressed prior to submitting plans for review.
- Please be advised that the Standard General Notes have been updated and posted to the DelDOT website. Please begin using the new versions and look for the revision dates of March 21, 2019 and March 16, 2021. The notes can be found at https://www.deldot.gov/Business/subdivisions/
- GBC Drive has a functional classification of major collector. Major collectors gather traffic from local roads and funnel them to the arterial network. This project is generally in alignment with that functional classification.
- This project is located primarily in Investment Level 2 according to the 2025 State Strategies for Policy and Spending. In Investment Level 2 DelDOT prioritizes improving safety; expanding access to transit, pedestrian, and bicycle facilities; supporting economic development; and improving connections among existing, redeveloping, and new neighborhoods, public facilities, and commercial areas, consistent with local growth forecasts. In general, this project is in alignment with these overall goals, especially with regard to economic development.

Department of Natural Resources and Environmental Control – Contact Beth Krumrine 302-735-3480

Bog Turtle

- Until further agency guidance is provided, limit disturbance (including noise) of forest areas, wetlands, meadows, streams, etc.

Federal Contact: U.S. Fish and Wildlife Service, Chesapeake Bay Ecological Services Field Office at (410) 573-4599.
Website: https://www.fws.gov/office/chesapeake-bay-ecological-services

State Contact: DNREC Division of Fish and Wildlife, Species Conservation and Research Program at (302) 735-3600. Website: https://dnrec.delaware.gov/fish-wildlife/conservation/

Removal of Mature Forest within Delaware Ecological Network and Christina River Natural Area

The preliminary plan proposes the elimination of approximately 3 of 5 acres of forest on the site. An analysis of historical data indicates that the forest area located on the northern half of the site has likely maintained some degree of forest cover since 1937 and could be considered mature forest. Mature forests possess the potential for rare, threatened, or endangered species that rely on this type of habitat. Forests filter water for improved water quality, provide habitat for wildlife, absorb nutrients, infiltrate stormwater, moderate temperatures, and store atmospheric carbon which would otherwise contribute to climate change.

- Removing forested areas for development, especially mature forests, should be avoided to the greatest extent possible.

- The forested area on this site occurs within the Delaware Ecological Network, a statewide network of interconnected lands having significant ecological value. Avoid disturbance within these habitats.

- The northeastern portion of the forested area on this site also occurs within the Christina River Natural Area. Reduce environmental impacts in Natural Areas by avoiding development or destruction of sensitive natural features such as, but not limited to, wetlands, hardwood forests, or riparian buffers.

- In general, contiguous forest and connected areas of natural habitat are more beneficial to wildlife, allowing for safer movement from one area to another while reducing roadway mortality.
- Consider dedicating forested areas as a Nature Preserve through a conservation easement or donation of land. For more information, please contact the DNREC Planning Preservation and Development Section.

Forest Removal Contact: DNREC Division of Fish and Wildlife, Species Conservation and Research Program at (302) 735-3600.
Website: https://dnrec.delaware.gov/fish-wildlife/contact-information/

Natural Area Contact: DNREC Division of Parks and Recreation, Office of Nature Preserves at (302) 739-9039. Website: https://dnrec.delaware.gov/parks/natural-areas/ or https://dnrec.delaware.gov/parks/open-space/conservation-easements/

Stormwater Management

- Where the site and soil conditions allow, integrate runoff reduction techniques including infiltration basins, bioretention (rain gardens), filter strips, and pavers to encourage on-site stormwater infiltration and reduce runoff.

- For improved stormwater management, preserve existing trees, wetlands, and passive open space.

Plan review agency contact: New Castle County Department of Land Use at (302) 395-5400.
Website: https://www.newcastlede.gov/2420/Land-Use

General stormwater contact: DNREC Sediment and Stormwater Program at (302) 739-9921.
E-mail: DNREC.Stormwater@delaware.gov.
Website: https://dnrec.delaware.gov/watershed-stewardship/sediment-stormwater/

Drainage

- All existing drainage ditches on the property should be evaluated for function and cleaned, if needed, prior to the construction of the project.

- Environmental permits or exemptions may be required by the County Conservation District (Standard Plan), the DNREC Sediment and Stormwater Program (eNOI/NOT), Army Corp of Engineers, and/or DNREC Wetlands and Waterways Section prior to clearing and/or excavating ditch channels.

- All precautions should be taken to ensure the project does not hinder any off-site drainage upstream of the project or create any off-site drainage problems downstream by the release of on-site storm water.

Contact: DNREC Drainage Program at (302) 855-1930.
Website: https://dnrec.delaware.gov/drainage-stormwater/

Air Quality – Design to Minimize Mobile Source Emissions
Mobile sources include a variety of motor vehicles and mobile equipment that generate air emissions, such as ozone, particle pollution, and air toxics. The DNREC Mobile Sources Control Program reduces motor vehicle-related pollution from both on-road vehicles and non-road vehicles.

- This site lies within New Castle County. Ambient air quality in this area may not meet Federal Air Quality Standards.

- Consider designing the project to connect to local pedestrian and bicycle networks, as well as public transit. The closest bus stop appears to be less than 1 mile from this site. Designing for travel alternatives has the potential to minimize the overall tailpipe emissions associated with the use of this site.

- Consider designing the project for low maintenance green spaces. Designing green spaces to be less dependent on gas-powered lawn and garden equipment has the potential to minimize emissions associated with the on-going maintenance of this site.

Contact: DNREC Division of Air Quality's Mobile Sources Program at (302) 739-9402.
Website: https://dnrec.delaware.gov/air/mobile-sources/

Sustainable Practices

- Consider installing electric vehicle charging stations for employees. Installation costs can vary significantly depending on the parking and electricity distribution at a given location, so it is often easier and cheaper to plan for the installation at construction, rather than doing costly retrofits later. The DNREC Division of Climate, Coastal and Energy offers rebates of up to 80% of the cost of the charging station for commercial, multi-unit dwelling and other public properties. These programs address climate change goals of reducing greenhouse gas emissions and improving overall air quality (https://dnrec.delaware.gov/climate-coastal-energy/clean-transportation/).

- Incorporate nonmotorized connectivity and install bicycle racks where feasible to help facilitate non-vehicular travel modes.

- Consider using renewable energy infrastructure such as solar or geothermal to reduce energy costs and further reduce pollution created from offsite generation. Grant funds and incentives are available for Delmarva Power customers through the DNREC Green Energy Fund, which includes several funding types through the state's major electric utilities ((https://dnrec.delaware.gov/climate-coastal-energy/renewable/assistance/).

- Use efficient Energy Star rated products and materials in construction and redevelopment. Energy efficient appliances use less energy over time. This saves consumers and businesses money, while also helping to reduce pollution from power generation.

- Consider planting select areas with native trees. Native trees improve air, water, and soil quality. Planting and nurturing trees is also a nature-based solution to reducing the greenhouse gases that drive climate change. In addition, native trees have an increasingly important role in the survival of native birds and beneficial insects whose habitat is shrinking due to development and climate change.

- Consider planting select areas with meadow comprised of native species. Native plants are well-suited to our climate and require limited maintenance. Mowing in these areas should not occur between April 1st to July 31st to reduce impacts to nesting birds and other wildlife species that utilize meadows and grasslands for breeding habitat.

- Use structural paint coatings that are low in Volatile Organic Compounds to help protect air quality. Air pollution from new construction is generated through the use of maintenance equipment, paints, and consumer products like roof coatings and primers.

- Use recycled materials, such as reclaimed asphalt pavement, to reduce heat island effects on paved surfaces, prevent landfill waste, and lower material costs.

Contact: DNREC Division of Climate, Coastal & Energy at (302) 735-3480.
Website: https://dnrec.delaware.gov/climate-coastal-energy/

Delaware Emergency Management Agency – Contact Phillip Cane 302-659-2325

Population

- The county has a population density of 1,321.50 per square mile based on the US 2020 Census report; an increase from 2010 at 1,241.00 persons per square mile. The specific census block(s) the project is located on has a total population of 0, though, with development, this will undoubtedly change. The 8 adjacent blocks aggregated bring the area to a total population of 100.

FEMA National Risk Index

- The FEMA National Risk Index is an online mapping application that identifies communities most at risk to 18 natural hazards: Avalanche, Coastal Flooding, Cold Wave, Drought, Earthquake, Hale, Heat Wave, Hurricane, Ice Storm, Landslide, Lightning, Riverine Flooding, Strong Wind, Tornado, Tsunami, Volcanic Activity, Wildfire, and Winter Weather. The FEMA National Risk Index is calculated by multiplying the Expected Annual Loss times the Social Vulnerability and dividing that by the Community Resilience.

Expected Annual Loss
× Social Vulnerability
÷ Community Resilience
= Risk Index

- According to FEMA's National Risk Index, the parcel **is** considered **relatively moderate** for overall natural hazards risks.

- Community Resilience is a consequence reduction risk component and a community risk factor that represents the ability of a community to prepare for anticipated natural hazards, adapt to changing conditions and withstand/recover rapidly from disruptions. Social Vulnerability is a consequence-enhancing risk factor that represents the susceptibility of social groups to the adverse impacts of natural hazards.

- Its community resilience and its social vulnerability are both rated as **relatively high**.

Renewable Energy Commitment

- Regarding energy use and consumption, the census tract utilizes **electricity** as the predominant fuel type for heating purposes.

- DEMA strongly encourages the use of renewable energies and high-efficiency appliances and utilities. Regarding utilities, DEMA suggests incorporating 90% series furnaces/HVAC systems; the closer to 99%, the better, as well as A/C units of 20 Seer or greater. DEMA

recommends using tankless water heaters, and battery backup systems for sump pumps to reduce potential water damage from power failure. Lastly, DEMA encourages the integration of modern and emerging technologies, such as the potential for electric vehicles in garages/parking lots, green roofs or solar panels where applicable and allowable, and the like.

Delaware State Fire Marshall's Office – Contact Duane Fox 302-739-4394
Preliminary meetings with fire protection specialists are encouraged prior to formal submittal. Please call for appointment. Applications and brochures can be downloaded from our website: www.statefiremarshal.delaware.gov, technical services link, plan review, applications or brochures.

THIS DOCUMENT IS INFORMATIONAL ONLY, AND DOES NOT CONSTITUTE ANY TYPE OF APPROVAL FROM THE DELAWARE STATE FIRE MARSHAL'S OFFICE

Fire Department Comments:

- The volunteer fire department is obligated to provide Fire and EMS service to this property. In addition**,** new developments in their Fire and EMS district have put a financial strain on their volunteer fire service. As their call volume increases yearly due to the unprecedented growth within the service area, current funding does not keep up with development within the district. State, County, and Local funding does not keep up with the growth of the fire district, so the developer and future residents need to help financially support the Volunteer Fire Department.

Following receipt of this letter and upon filing of an application with the local jurisdiction, the applicant shall provide to the local jurisdiction and the Office of State Planning Coordination a written response to comments received as a result of the pre-application process, noting whether comments were incorporated into the project design or not and the reason, therefore.

Thank you for the opportunity to review this project. If you have any questions, please contact me at 302-739-3090.

Sincerely,

David L. Edgell, AICP
Director, Office of State Planning Coordination