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

October 17, 2025

Stephen C. Woodin, P.E.
Apex Engineering, Inc.
27 West Market St.
Newport, DE 19804

RE: PLUS review – 2025-09-03 1035 Industrial Dr

Dear Mr. Woodin:

Thank you for meeting with State agency planners on October 1st, 2025 to discuss 1035 Industrial Dr. According to the information received, you are seeking review of a proposed site plan for a 315,000 sq ft warehouse/light industrial use on a 42.33 acre parcel.

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 Middletown is the governing authority over this land, the developers will need to comply with any and all regulations/restrictions set forth by the Town.**

Strategies for State Policies and Spending

This project shows up on the State Strategies map in both Level 1 and Out of Play areas. The portion that is Out of Play was once its own parcel owned by the Town of Middletown and may have once been part of the Middletown Nature Area. That parcel and the parcel to the west were sold and combined by the new owner in 2016. In 2012 the Middletown Comprehensive Plan showed these parcels as being Industrial in the Future Land Use Map. The 2022 Middletown Comprehensive Plan Future Land Use Map also shows the parcel as Industrial. While the Strategies Map may be outdated since Middletown no longer owns the Out of Play parcel, the land use depicted in both the 2012 and 2022 Comprehensive Plans is consistent with the proposed development application. Therefore, the entirety of the parcel under review in this PLUS project will be viewed as level 1.

This project is located in a Level 1 investment area, which is consistent with the 2020 Strategies for State Policies and Spending. This site is also located in the Town of Middletown.

Investment Level 1 reflects areas that are already developed in an urban or suburban fashion, where infrastructure is existing or readily available, and where future redevelopment or infill projects are expected and encouraged by State policy. Because development in Level 1 is consistent with the 2020 Strategies for State Policies and Spending, the Office of State Planning Coordination is in support of this site plan.

Code Requirements/Agency Permitting Requirements

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

- Pursuant to Section 1.3 of the Development Coordination 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.

- In terms of traffic analysis this project is located in an area that is part of the Westown Transportation Improvement District (TID). As discussed in the PLUS meeting this is the preferred method of satisfying traffic analysis needs for this project.

- Section 1.7 of the Development Coordination 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.

- As discussed in the PLUS meeting this location will enter on to Industrial Drive which is owned by the Town of Middletown. As such DelDOT comments are limited primarily to participation in the TID.

DART First State – Contact Jared Kauffman 302-576-6062

- A pair of Type 2 (5x8) companion pads are needed on Industrial Drive. Both stop pads should be placed far-side of the eastern most entrance. A crosswalk across Industrial Drive is needed to connect both.

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.

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 Town of Middletown.

- 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: Town of Middletown at (302) 378-9120.
Website: https://middletown.delaware.gov/

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/

Special Flood Hazard Area

According to the newest Flood Insurance Rate Maps (FIRM), the southern portion of this parcel is situated within a Special Flood Hazard Area, specifically within the mapped 100-year floodplain (1% annual chance of flooding). The Special Flood Hazard Area identified on the site lies within zone AE. In lands contained within the 100-year floodplain, the National Flood

Insurance Program's floodplain management regulations must be enforced through the local floodplain ordinance, which can have higher standards.

A portion of this site is also situated within the moderate risk floodplain, or 500-year floodplain (0.2% annual chance of flooding), identified as a shaded zone-X.

- The applicant must comply with the local floodplain ordinance and regulations applicable to development or construction within the 100-year floodplain. In determining the boundary of the floodplain, use the most recent FIRM maps available, which can be found at https://floodplanning.dnrec.delaware.gov/

Contact: DNREC Shoreline and Waterway Management Section at (302) 608-5500.
Website: https://dnrec.delaware.gov/watershed-stewardship/waterways/floodplains/

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/

Wetlands and Waterways
Maps from the Statewide Wetlands Mapping Project indicate the potential presence of non-tidal wetlands in the northern and southern portions of the site, as well as two potential blue line streams located on the northern and southern property boundaries. The application indicates that wetlands have been delineated. The application states that the project does not propose direct impacts to the wetlands/waterways.

State Requirements:

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

- Some of the wetlands and waterways are not mapped on the site plan. Include all wetland boundaries, streams, and waterways on site plans.

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

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/

Tricolored Bat
The tricolored bat (*Perimyotis subflavus*) may occur on the site due to habitat suitable for such species existing within the project boundary. This species is federally-listed as endangered and is protected under the U.S. Endangered Species Act.

- Consult with the U.S. Fish and Wildlife Service to determine what permits or surveys may be required. Projects should be submitted through the Information for Planning and Consultation tool as well as the Range-wide Northern Long-eared Bat determination key through the U.S. Fish and Wildlife Service at https://ecos.fws.gov/ipac/.

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/

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

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**. There does seem to be a 100-year flood plain located outside of the parcel and doesn't initially appear to impact the construction on this parcel.

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; however it does fall just outside of the border.

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

- There are no known archaeological sites or National Register-listed or eligible properties on the parcel. Soils are well drained. Parcel is bordered to the south by Deep Creek and to the north by its tributary. The western portion is disturbed, and the eastern portion is largely undisturbed.

- Therefore, the Delaware State Historic Preservation Office highly recommends archaeological survey on the forested, undisturbed eastern portion of the parcel. 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. (Storage)

- 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 Industrial 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/

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

Removal of Mature Forest within the Delaware Ecological Network

The preliminary plan proposes the elimination of approximately 8 of 18 acres of forest on the site. An analysis of historical data indicates that the forest area located on the eastern portion 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.

- 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.

- To reduce impacts to nesting birds and other wildlife species that utilize forests for breeding, it is recommended that tree clearing not occur from April 1st to July 31st.

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/

Forested Wetlands and Vegetated Buffer Zones

Maps from the Statewide Wetlands Mapping Project indicate the potential presence of forested wetlands on the northern and southern portions of the site. This habitat type is known to support an array of plants and animals, most notably wetland dependent species such as amphibians.

To reduce impacts to these species, the following is recommended:

- Do not disturb forested wetlands. Increase upland buffers to at least 100 feet along all wetlands, waterways, and sensitive habitats, including those containing existing forest or natural vegetative cover.

- Vegetated buffer zones should be identified outside of the Limit of Disturbance on the engineering plans.

- Maintain vegetated buffer zones as native species meadows or forest.

- Maintain habitat connections to undeveloped open space, which are especially important for species movement across the landscape.

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

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: Town of Middletown at (302) 378-9120.
Website: https://middletown.delaware.gov/

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/

Water Quality

This site lies within the Appoquinimink River Watershed. Surface water quality in this watershed does not meet Federal and/or State Water Quality Standards and a Pollution Control Strategy is in place for this watershed.

- Implement vegetated buffers with a width of at least 100 feet around all water features on or adjacent to the site.

- Reduce impervious surfaces on the project site by eliminating areas of impervious pavement and/or using pervious pavement where practicable. Break up large parking lots with planted islands.

- Reduce stormwater runoff by integrating infiltration basins, bioretention (rain gardens), filter strips, and by preserving existing trees, wetlands, and passive open space.

- Reduce the necessity for nutrient application by maintaining open space as meadow or forest planted exclusively with native plants. Native plants are well-suited to our climate and require limited maintenance.

Contact: DNREC Division of Watershed Stewardship's Watershed Assessment Section at (302) 739-9939. Website: https://dnrec.alpha.delaware.gov/watershed-stewardship/

Special Flood Hazard Area

- As proposed, locate all structures outside of the floodplain. If this is not possible, the developer should consider designing structures to a higher standard to avoid potential future flood damage and loss.

Contact: DNREC Shoreline and Waterway Management Section at (302) 608-5500. Website: https://dnrec.delaware.gov/watershed-stewardship/waterways/floodplains/

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.

- For employees, consider designing the project to connect to local pedestrian and bicycle networks, as well as public transit. The closest bus stop appears to be about 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 for employees 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/).

- On large expanses of impervious surfaces and asphalt, design parking areas to include trees for shading.

- 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 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.

- 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.

- Include adequate space for recycling dumpsters within the preliminary site design.

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 15 adjacent blocks aggregated bring the area to a total population of 576.

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, Hal, 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 **utility/natural gas** 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.

Fire Department Comments:

- The fire department is obligated to provide fire and EMS service to this property. Additional new development within their fire/EMS district has put a financial strain on the volunteer fire service. In order to provide quality service within the fire/EMS district the fire department may have to hire career staff to keep up with the demand of service. Currently State and County funding is not keeping up with the growth of the fire district and the burdens placed on the volunteer fire department. The developer will need to consider financial support, before this becomes a tax burden.

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