

Environmental Impact Statement (EIS)

Carrier Clinic - Adolescent Patient Unit

Block 2001; 1001, Lots 2; 14.02 252 County Road 601 Township of Montgomery Somerset County, NJ 08502

November 2023



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Prepared for: Carrier Clinic, Inc. 252 County Road 601 Belle Mead, NJ 08502 (908) 281-1000 Prepared by: **Dewberry Engineers Inc.** 600 Parsippany Road Suite 301 Parsippany, NJ 07054 Certificate of Authorization No. 24GA28047600 (973) 739-9400

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I. INTRODUCTION

The proposed Environmental Impact Statement (EIS) was prepared to address potential environmental impacts of the proposed project. Due to the limited scale of the proposed project, the anticipated effect on the environment is expected to be minimal. The proposed project involves the improvement of existing medical services through a proposed addition and other site improvements, within previously disturbed and/or paved areas. Section 16-8.4 of the Township of Montgomery ordinance includes specific provisions as to the applicability and required content of an EIS. The EIS for the proposed Carrier Clinic Adolescent Patient Unit addition was prepared based on the ordinance requirements with the focus on environmental elements that could potentially be affected by the proposed project.

II. PROPERTY AND PROJECT DESCRIPTION

The proposed project involves an addition to the existing structure and site improvements of Carrier Clinic. The facility is located at 252 County Road 601 in the Township of Montgomery in Somerset County, New Jersey a/k/a Block 2001, Lot 2 & Block 1001, Lot 14.02 on the Township of Montgomery tax maps. The subject property is approximately 87 acres. The site is bounded by East Mountain Road and Belle Mead-Blawenburg Road (County Road 601) to the south, a solar farm to the north, and by undeveloped lands to the east and west. A USGS site map, aerial map and Township tax maps are contained in Appendix A and B respectively.

The Carrier Clinic Adolescent Patient Unit proposed project consists of an addition to the facility at the southwest side of the existing building. The proposed one-story addition has a ground floor footprint of approximately 45,000 square feet. Other site improvements are proposed, including the reconfiguration of drive aisles and parking areas in the vicinity of the proposed building and the addition of a 795 square foot Family Resource Training Center with supporting vehicular drive aisle and drop off areas. Pavement striping improvements along the facility's entry driveway off County Road 601 to better organize vehicular movements are also proposed.

III. PROJECT PURPOSE

The construction of the Carrier Clinic Adolescent Patient Unit will enable the facility to deliver services in a more appropriately sized facility by separating adolescent and adult patients as well as relocating administrative services. The new addition will include 52 beds for adolescents and will improve and modernize services for adolescent patients. The addition is required to accommodate the changing needs of inpatient care for the younger Behavioral Health population. These improvements will also provide the facility with the means and versatility to improve treatment approaches. Additionally, the ages served will be expanded from 12-18 to accept patients as young as 7-8 years of age. Some of the key elements of the proposed project that are planned to facilitate these goals are as follows:

- The relocation of adolescent services into a newly constructed building addition.
- The existing Executive Office Building will be demolished, and administrative services relocated into the existing building space vacated by the current Adolescent Services.
- Elimination of trailers located at the southeast portion of the site.
- A modest Family Resource Training Center addition to the Ancillary Service Building.

The purpose of the proposed expansion and site improvements to Carrier Clinic is to improve the facility's services and operation for the benefit of its patients and the community. It is planned to enhance the facility's services, improve the accessibility to the facility and add visitor drop-off /pick-up areas. The proposed project will also enhance the overall site aesthetically, through the architectural design, site improvements and landscaping.



IV. PROJECT COMPATIBILITY

The Carrier Clinic property is located in an area designated MR – Mountain Residential Zone. Section 16-6.5j of the Township of Mongomery zoning ordinance provides regulations for Planned Behavioral Health Complex within the MR Zone for behavioral health uses. Carrier Clinic, previously known as the Belle Mead Farm Colony and Sanatorium, provides behavioral health services that have existed in the Township of Montgomery since 1910.

Residential treatment facilities and office buildings are among the permitted uses in the Planned Behavioral Health Complex. Off-street parking and storage of material used by the principal permitted uses on the subject property are among the accessory uses permitted in the Planned Behavioral Health Complex.

The proposed addition deviates from some of the specific requirements set forth in the ordinance for behavioral health facilities located in the Planned Behavioral Health Complex and therefore requires variance relief. These deviations include the building setback, surface parking setback, landscape buffer, and fence height which are itemized below:

	Required/Permitted	Proposed
Minimum Building Setback:	100 ft.	78.0 ft.
Min. Surface Parking Lot Lot Setback (Public Street):	60 ft.	49.7 ft.
Minimum Landscape Buffer from Public Street:	50 ft.	34.6 ft.
Maximum Fence Height:	10 ft.	14 ft.

The Township of Montgomery Master Plan refers to a Land Use Plan Amendment dated January 2011 providing recommendation to permit a planned behavioral health complex on specific lands within the MR - Mountain Residential Zoning District. Special attention has been given to the constraints of environmentally critical and sensitive areas including wetlands, wetland transition areas, aquatic buffer zones, stream corridors, and 100-year flood plains as recognized by the Township of Montgomery Master Plan. The proposed improvements do not propose disturbance to these areas. In addition, the subject property is not listed on the Township of Montgomery's ArcGIS Open Space map.

V. LICENSES/PERMITS REQUIRED

- a. Preliminary and Final Site Plan and "c" variances and design waivers Township of Montgomery
- b. Soil erosion and sediment control plan approval Somerset Union Soil Conservation District.
- c. Development Review approval NJDEP Delaware Raritan Canal Commission
- d. Healthcare Facility Review NJDCA
- e. Building Permits Township of Montgomery
- f. Site Plan Approval Somerset County Planning Board



VI. ENVIRONMENTAL RESOURCE INVENTORY

The following subsections provide information related to environmental resources that could potentially be affected by the proposed project. The inventory of resources provided, follow the resources listed in the Township of Montgomery Ordinance Section 16 - 8.4 c 2(b).

A. Types of Soils

Based upon the United States Department of Agriculture, Natural Resources Conservation Service (USDA NRCS) Web Soil Survey, there are four soil types within the subject property. They include the following:

KkoC - Klinesville channery loam, 6 to 12 percent slopes; 0"-9" channery loam, 9"-11" very channery loam, 11"-80" weathered bedrock

This soil unit covers a portion of the subject property along the southeastern property line. It is characterized by USDA NRCS with the following general characteristics:

- Somewhat excessively drained
- Depth of water table more than 80 inches
- No frequent flooding or ponding
- Available water storage very low about 1.1 inches

PeoB - Penn channery silt loam, 2 to 6 percent slopes; 0"-22" channery silt loam, 22"-30" very channery loam, 30"-80" weathered bedrock

This soil unit generally covers the western half of the subject property. It is characterized by USDA NRCS with the following general characteristics:

- Well drained
- Depth of water table more than 80 inches
- No frequent flooding or ponding
- Available water storage low about 4.2 inches

RehA - Reaville silt loam, 0 to 2 percent slopes; 0"-10" silt loam, 10"-22" channery silt loam, 22"-28" very channery silt loam, 28"-80" weathered bedrock

This soil unit generally covers the eastern portion of the subject property. It is characterized by USDA NRCS with the following general characteristics:

- Somewhat poorly drained
- Depth of water table about 12-24 inches
- No frequent flooding or ponding
- Available water storage low about 3.6 inches

RehB - Reaville silt loam, 2 to 6 percent slopes; 0"-19" silt loam, 19"-23" channery silt loam, 23"-80" weathered bedrock

This soil unit covers a small portion of the subject property along the southwestern property line. It is characterized by USDA NRCS with the following general characteristics:

- Somewhat poorly drained



- Depth of water table about 12-24 inches
- No frequent flooding or ponding
- Available water storage low about 4.3 inches

The boundaries of each soil type are contained in Appendix C.

B. Topography

The subject site's topography varies. It is characterized by slopes ranging from very mild to steep slopes exceeding 25 percent. Steep slope areas within the proposed development area are limited to areas created by grading for previous development for landscape mounds between East Mountain Road and a modular unit building. This man-made landscape mound with existing steep slopes is located within the proposed footprint of the addition and will be removed as part of the project improvements. The total area of encroachment into steep slopes of 25 percent or more is less than 200 square feet (0.005 acre).

C. Geology

The project is located entirely within a subdivision of the Appalachian Province commonly referred to as the Piedmont Plateau. The area is characterized by relatively low relief with overlaying soils consisting of tills and moraines from the Wisconsin Glacier and residual soils (weathered rock) from the underlying bedrock.

The predominant geologic formation in this area is bedrock, identified as Brunswick Shale. The soil profile within this formation usually consists of silts and clays, overlying a dense layer of weathered shale that gradually transitions into a more competent shale bedrock with depth. The weathered rock consists of redbrown clayey silt with varying percentages of sand and gravel which are friable and readily crumble into small fragments with pressure. As the depth below the top of rock increases, rock quality, as well as hardness generally improves.

D. Vegetation

The Township of Montgomery Critical Areas map was used to preliminarily identify wetlands and stream corridors that may exist within or immediately adjacent to the Carrier Clinic property. A Wetlands Plan was prepared by another consultant in 2013 (Appendix D). Dewberry wetland biologists conducted a wetland delineation on 04/25/2023 to verify the known wetland features and to evaluate if potential additional wetlands were present within the property. Based on our site observations, the limits of the regulated wetlands areas onsite are generally consistent with the former Wetlands Plan. The wetland areas closest to the proposed improvements are areas identified as a freshwater herbaceous wetland complex, located approximately 200 feet northeast of the planned areas of construction. The proposed activities will not encroach within the wetlands or the wetland's potential maximum 150-foot transition area, although a 50-foot wetland transition area is anticipated.

No State designated forested Natural Heritage Priority Sites, identified on the State of New Jersey Department of Environmental Protection Bureau of GIS Mapping, exist on the subject property. Most of the property has been disturbed associated with past activities associated with the Carrier Clinic. The property's vegetation primarily consists of mowed lawn with landscaped ornamental herbaceous and woody species. The proposed project area to be redeveloped is currently disturbed lands that include existing buildings, paved parking areas, and landscaped areas including individual trees. Natural vegetated areas exist along the northeastern portion of the property adjacent to the wetland and associated transition areas. While some trees scattered throughout the project area are proposed for removal, many existing trees present onsite will remain unaffected. A total of 38 individual trees are proposed for removal to accommodate the proposed building expansion and site improvements. The size of the trees proposed to be removed range from 8" to 24" in diameter.



E. Wildlife

According to the NJDEP GeoWeb Landscape Project Database, the American Kestrel (*Falco sparverius*) (State Threatened, Breeding Sighting) has been documented within the area. The American Kestrel is a raptor species that is typically associated with open grasslands and farmlands. The perimeter of the property, along with adjacent properties have all been identified as breeding sighting. However, the developed portion of the Carrier Clinic is not mapped as suitable habitat. The proposed project is located within the developed portion of the facility, therefore, should not have impact to American Kestrel habitat. The federally-listed species Northern Long-eared Bats (*Myotis septentrionalis*) is documented in forested areas to the south of the Belle Mead-Blawenburg Road. The project is not anticipated to affect habitat associated with the bat species as work will be conducted within currently developed areas of the clinic.

F. Surface and Subsurface Water

Per the Township of Montgomery Critical Areas map and recent wetland delineation, no regulated watercourses or waterbodies exist within the area of the of proposed development. Per the Township of Montgomery Critical Areas ArcGIS mapping the closest water body, an unnamed tributary to Pike Run Tributary that flows north away from the property, located approximately 850 feet to the northeast of the development parcel. Based upon the United States Department of Agriculture, Natural Resources Conservation Service (USDA NRCS) Web Soil Survey groundwater in the area of proposed improvements is expected to be greater than 80 inches below existing grade. Dewberry performed an onsite geotechnical investigation and found groundwater levels generally align with these findings.

Based on the State of New Jersey Department of Environmental Projection ArcGIS GeoWeb mapping, the subject property is not within a Well Head Protection Area.

G. Distinctive Scenic and/or Historic Features

Per Township of Montgomery Master Plan Historic Preservation Plan Element, the subject property not located within a designated local historic district or identified as a designated local historic site. In addition, according to the NJDEP Historic Preservation Office the subject property was not listed on the New Jersey and National Registers of Historic Places. A copy of the NJDEP Historic Preservation Office list for Somerset County is included in Appendix E.

H. Existing Development Features

The existing Carrier Clinic site consists of multiple buildings, driveways, parking lots, and walkways. Other ancillary man-made development features on site include fencing, lighting, signage, and utilities.

I. Miscellaneous

The Carrier Clinic facility provided behavioral health services. As such, the facility recognizes the importance of controlling noise levels not only for the health, safety, and welfare of the community but also the patients which they serve. Noise generated from the Carrier Clinic facility is generally sourced from vehicles of arriving staff and patients, deliveries, refuse hauling and landscaping maintenance activities.

VII. PROJECT IMPACT ASSESSMENT

The proposed improvements of the Carrier Clinic facility are located within previously disturbed areas and/or existing paved areas. Therefore, the proposed project will have minimal to no effect on natural environmental resources.



The following is an assessment of the potential negative and positive impacts before, during and after construction of the proposed project following the listed resources in the Township ordinance.

A. Soil erosion and sedimentation resulting from surface runoff

A soil erosion and sediment control plan has been prepared and will be submitted to the Somerset-Union Soil Conservation District for review and approval. The soil erosion and sediment control measures on the approved plan will be implemented before and during construction until permanent stabilization is in place.

B. Flooding and Flood Plain Disruption

Based on the Flood Insurance Rate Map (FIRM) Community Numbers 34035C0229E, 34035C0231E and 34035C0233E, dated September 28, 2007 (Appendix D), for the project area, the subject property is located in Zone X, an area determined to be outside the 0.2% annual chance of flood, therefore no disruption to the 100-year floodplain is proposed

The site improvements are designed with drainage systems to minimize the impact to the natural drainage facilities of the land and to prevent adverse effects of flooding on adjacent properties or existing drainage systems.

A Stormwater Management Report prepared by Dewberry, dated September 8, 2023, provides a detailed analysis of the project impact and the proposed stormwater management facilities. The Report was submitted to the Township with the application documents.

C. Degradation of surface water quality

The proposed development will not result in discharge of contaminants to surface water. Medical waste will be treated and disposed of in accordance with applicable regulations and will have no adverse impact on the water quality.

A Stormwater Management Report has been prepared by Dewberry and submitted to the Township of Montgomery with the site plan application documents. The report shows that the peak flow rates are being reduced to all five (5) the points of study as compared from existing to proposed site conditions. Stormwater runoff will be addressed by managing runoff flows to the existing points of study through the use of a surface extended detention basin, three (3) pervious paving systems with subsurface storage beds, and landcover management.

The project improvements propose to reduce the quantity of vehicular impervious surfaces by approximately 0.17 acres. In addition, the implementation of three (3) pervious paving systems, designed in accordance with NJDEP Best Management Practices Chapter 9.6, are proposed to provide 80% total suspended solids (TSS) removal and meet water quality requirements. Phase II compliant grates and curb pieces are also proposed on new stormwater inlets to remove floatable solid entry into the stormwater collection system.

D. Groundwater Pollution

The proposed building addition will continue to connect to the existing sewer system similar to the existing building. Septic effluent from the proposed building addition is not proposed to be discharged to ground. Refer to Section F - Sewage Disposal below.

E. Reduction of Groundwater Capabilities

The existing hospital is connected to New Jersey American Water - Raritan water purveyor system and the proposed addition will be connected to the same water supply system. No potable water wells are proposed as part of this project.



The project will also implement soil compaction mitigation procedures pursuant to standards for soil erosion and sediment control in New Jersey prior to the placement of topsoil and establishment of permanent vegetative cover.

F. Sewage Disposal

The subject property currently disposes of sewage via a piped sewer conveyance system to an onsite private wastewater treatment facility. Carrier Clinic is presently consulting with another engineering firm on another project to decommission the onsite wasterwater treatment plant and construct a pump station and force main to convey sewage generated by the Clinic to connect to the Montgomery Township Pike Brook Wastewater Treatment Plant. The proposed building addition will continue to connect to the onsite piped sewer conveyance system similar to the existing building. Modifications to the sewer improvements for this project will be constructed to accommodate the project expected sewer flow in compliance with NJDEP requirements.

G. Solid Waste Disposal

Medical waste collection and removal from the site will continue to follow current procedures and comply with applicable regulations and permits.

Similarly, the collection and removal of non-medical waste will remain unchanged and will follow the current procedures used by the facility.

H. Vegetation Destruction

Existing trees within the project area, which are not proposed and approved for removal, will be protected during construction. An extensive landscaping plan is proposed as part of this application that proposes 15 shade trees, 19 ornamental trees, 39 evergreens, 144 deciduous shrubs and 106 evergreen shrubs to offset the trees to be removed as part of the project. Groundcovers, ornamental grasses and perennials are also proposed. Most of the proposed trees would be planted along the property's frontage along East Mountain Road to enhance existing vegetation in the landscape buffer area between the public right of way and the proposed addition. No vegetated riparian zones, regulated wetlands or their associated transition areas exist within the proposed project area are proposed to be disturbed.

I. Disruption of Wildlife Habitats of Endangered and Protected Species

The proposed project area is not located within known federally and/or state listed species habitat or documented sightings. The project is located within currently developed portions of the facility that has been previously disturbed. Habitat associated with the American Kestrel and Northern Long eared Bat will not be disturbed as part of the project. Habitat for these species is primarily located within adjacent properties.

J. Destruction or Degradation of Scenic or Historic Features

No historic sites listed on the National or State Registers of Historic Places are located on the site or its immediate vicinity. The proposed project involves a one-story building addition and site improvements. The proposed building expansion, modification to the access driveways and parking area and other site improvements were designed to integrate with the architectural features of existing structures and enhance the overall site appearance. Extensive landscaping is also proposed to further enhance the project site and the property in general. These improvements have been designed to enhance the site and will have no adverse effects on the region and will have minimal change to views from the surrounding area or scenic corridors.



The State and National Registers of Historic Places list for Somerset County, Township of Montgomery is included in Appendix E.

K. Air Quality Degradation

Based on the Traffic Impact Study prepared by Dewberry, dated September 8, 2023, (submitted with the application documents) the proposed expansion to the existing medical center will result in a de minimis impact on the expected trips generated from the site and as such increased vehicle emissions are expected to be minimal. In addition, the proposed project includes the construction of electric vehicle charging stations to promote and encourage the use of electric vehicles.

In addition, there will be a proposed emergency generator located west of the proposed adolescent addition and will be about 283' from the western property line. The emission from this generator will comply with the applicable regulations.

L. Noise Levels

Noise level sources from the proposed project are expected to increase during construction due to the use of construction equipment. The noise impact during construction is temporary and is limited to daytime hours. Measures will be implemented to minimize noise levels and limit construction hours to times permitted by Township Ordinance Section 3-3.3k. Noise levels after construction are mainly associated with traffic, however, the proposed addition will result in a minimal increase in traffic.

An emergency stand-by generator is proposed to be located outside the building and will be designed with noise attenuation devices to reduce the noise level, provide a comfortable environment for the patients, and minimize noise impact on surrounding properties, in compliance with state standards.

Therefore, the noise level following the construction of the proposed addition is expected to remain essentially the same noise levels as the existing and with no adverse effect on surrounding properties.

M. Energy Utilization

Lighting will be limited to the parking areas and drive aisles within the facility. The proposed lighting fixtures will utilize energy efficient LED technology instead of conventional high pressure sodium or metal halide luminaires.

VIII. MITIGATION MEASURES

The applicant will utilize the following mitigation measures before and during construction and during operation following the completion of construction, to minimize potential environmental impact:

A. Stormwater Management and Soil Erosion and Sediment Control Measures

Stormwater runoff will be addressed without an increase to off-site flow rate. Stormwater runoff will be collected and attenuated on site to minimize adverse impact on surrounding properties and existing drainage systems.

Soil erosion and sediment control measures will be implemented before and during construction according to a plan submitted to and approved by Somerset Union Soil Conservation District.

B. Sewage Disposal Techniques

The proposed expansion will continue to connect to the existing onsite sanitary sewer system. The proposed expansion of the building will not result in a significant increase in demand or burden on the



sanitary sewer system. Refer to the detailed discussion on the anticipated increase in wastewater flow in the correspondence to the Township from Carrier Clinic dated October 23, 2023.

C. Water Supply and Water Conservation

The proposed expansion will continue to connect to the public water supply system. The proposed expansion of the building will not result in a significant increase in demand or burden on the public water supply system.

D. Energy Conservation Measures

The proposed improvements include adding electric vehicle charging stations and energy conscious LED lighting fixtures.

E. Noise Reduction Techniques

An emergency stand-by generator is proposed to be installed as part of the project improvements. The proposed generator is intended to be used during interruption of normal electrical power service. In addition, the generator will be tested on a routine basis to ensure the system is operating properly and can be relied upon in the event of a power outage. The generator will be provided with sound attenuating devices to mitigate noise to provide a comfortable environment for the patients and minimize noise impact on surrounding properties. Noise generated by the generator will comply with State of New Jersey sound requirements. Construction activities during permitted work hours per the Township of Montgomery Ordinance.

IX. PROJECT ALTERNATIVES

The purpose of the proposed improvements is to allow larger and updated space for the existing clinic, in order to improve the clinic's services. The improvements will not increase in the number of licensed beds, however, there is a minimal increase of employees forecasted. The proposed project is necessary to enable the facility to deliver services in a more appropriately sized facility by separating adolescent and adult patients as well as relocating administrative services. The addition is required to accommodate the changing needs of inpatient care for the younger Behavioral Health population. These improvements will also provide the facility with the means and versatility to improve treatment approaches.

The subject property in the vicinity of the proposed improvements is previously disturbed. The proposed building expansion location is the most feasible from a functional and operational perspective.

A no-project alternative will result in the continuation of Carrier Clinic's operation in an undersized space not conforming to the needs of inpatient care. This alternative is not desirable from a medical and operational perspective and is of no benefit to the public health, safety, and general welfare.

The proposed alternative is particularly suitable for the purposes and needs of the clinic, which will benefit the public. No other practical alternative is available on the site that could accomplish the project purposes and that would result in lesser environmental impacts.

X. SUMMARY

In summary, the proposed building expansion, access modifications and parking reconfiguration will significantly improve Carrier Clinic's services and the accessibility to the facility by patients and vehicular traffic. The proposed expansion will allow the improvement of services and the overall operation of the clinic for the public benefit. The proposed addition will result in minimal or no impacts to environmental features.

The proposed project is compatible with surrounding land uses and structures. The proposed architectural design and extensive landscaping will aesthetically enhance the facility as viewed from surrounding properties and public roadways.



It is the conclusion of this report that the project will not result in substantial negative environmental impact or adverse effects to the community. To the contrary, the proposed development of the site will benefit the community and will promote public health, safety, and general welfare.

XI. REFERENCES

Township of Montgomery Land Development and Zoning Ordinance. various sections

Township of Montgomery ArcGIS.

Township of Montgomery Master Plan Reexamination, August 2017.

Township of Montgomery Natural Resources Inventory, 2020

Township of Montgomery Historic Preservation Plan Element, May 1992

Township of Montgomery Tax Maps.

Dewberry. September 8, 2023. Site Plan, Stormwater Management Report, Traffic Impact Report.

Dewberry. September 13, 2023. Wetland Delineation Summary

Federal Emergency Management Agency (FEMA). Sept. 28, 2007. Flood Insurance Rate Map, Township of Montgomery, Community Panel Nos. 34035C0229E, 34035C0231E and 34035C0233E

United State Department of Agriculture (USDA) Natural Resources Conservation Service – Web Soil Survey

United States Fish and Wildlife Service. National Wetland Inventory.

NJDEP Historic Preservation Office. Last update. New Jersey and National Registers of Historic Places. Somerset County, Montgomery Township

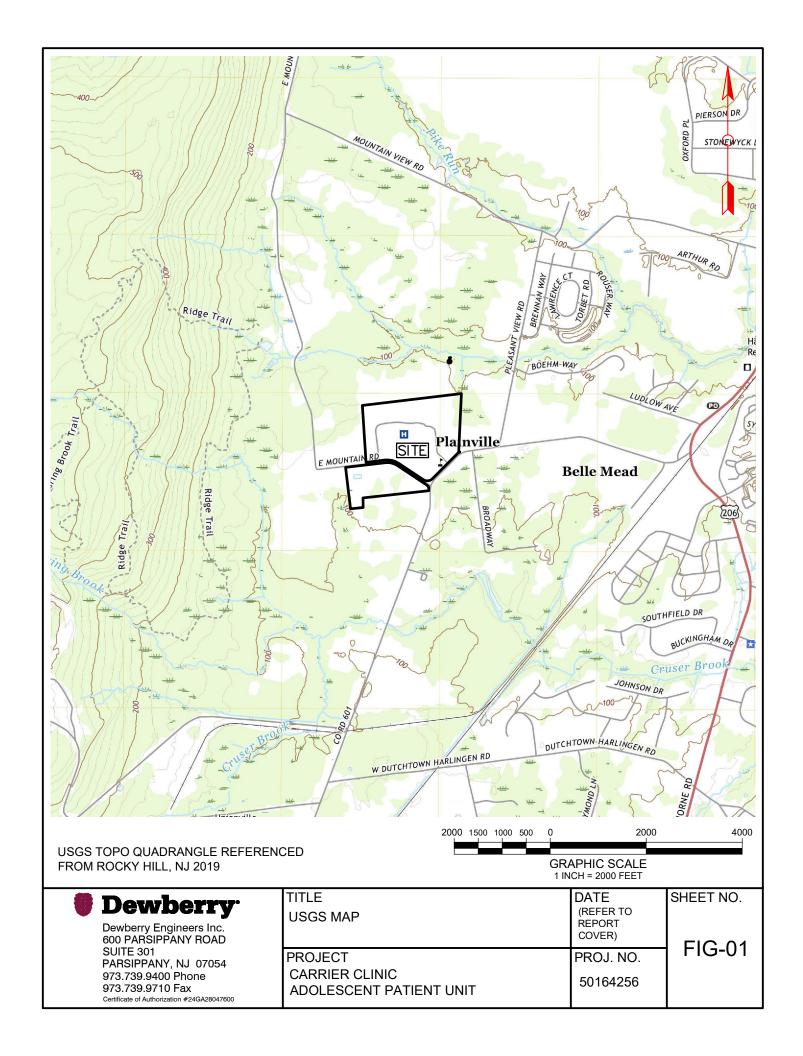
Historic Sites & Districts in Somerset County, New Jersey, Somerset County Cultural & Heritage Commission 2015, Inventory for Montgomery Township

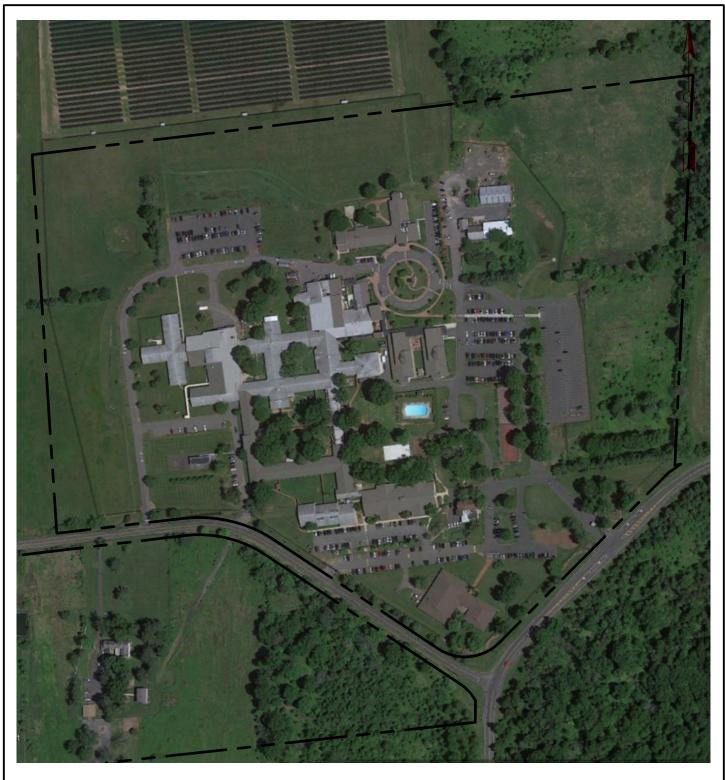
New Jersey Department of Environmental Protection. New Jersey Air Monitoring Web Site.



APPENDIX A SITE LOCATION MAP AND AERIAL PHOTO







AERIAL IMAGE IS FROM 06/05/2022



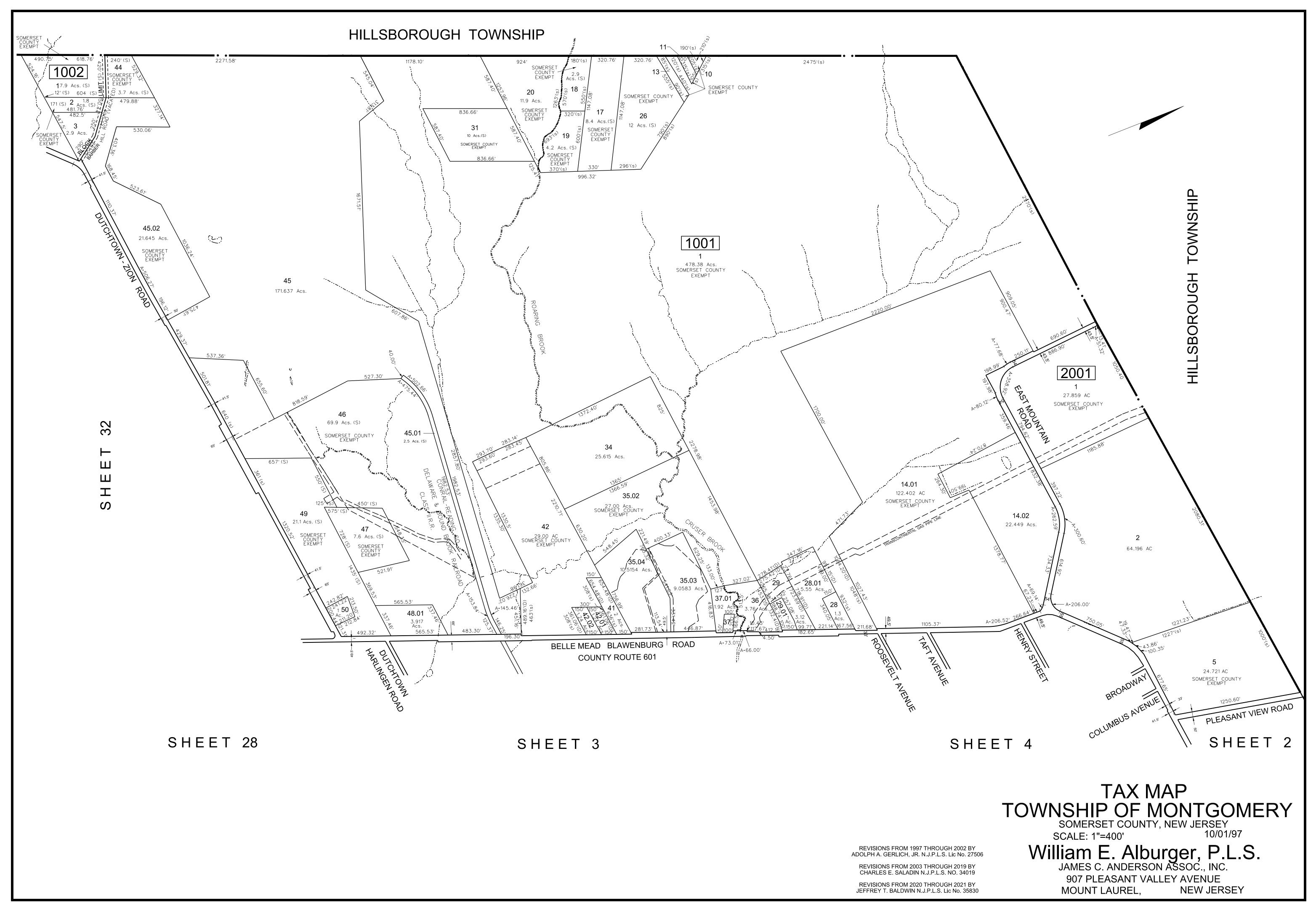


Dewberry Engineers Inc. 600 PARSIPPANY ROAD SUITE 301 PARSIPPANY, NJ 07054 973.739.9400 Phone 973.739.9710 Fax Certificate of Authorization #24GA28047600

TITLE 2022 AERIAL IMAGERY	DATE (REFER TO REPORT COVER)	SHEET NO.
PROJECT	PROJ. NO.	FIG-02
CARRIER CLINIC ADOLESCENT PATIENT UNIT	50164256	

APPENDIX B TAX MAP

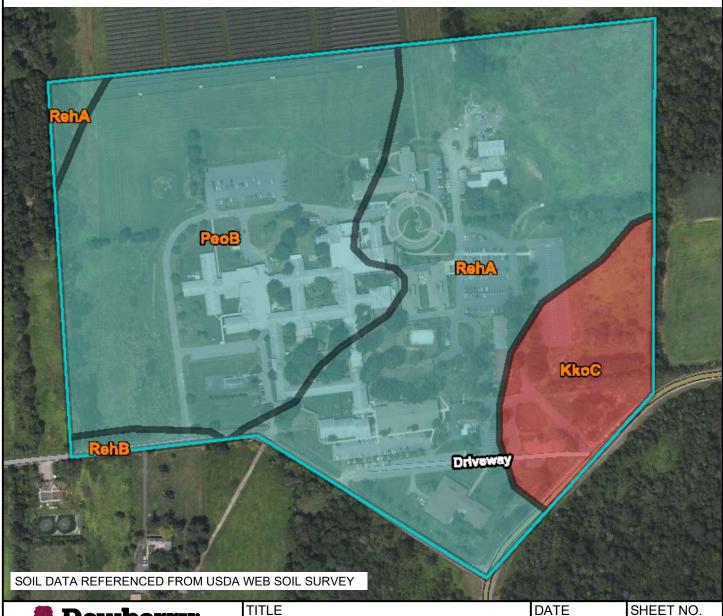




APPENDIX C SOIL MAP



Map unit symbol	Map unit name	Rating	Rating (centimeters) *
KkoC	Klinesville channery loam, 6 to 12 percent slopes	D	>200
PeoB	Penn channery silt loam, 2 to 6 percent slopes	С	>200
RehA	Reaville silt loam, 0 to 2 percent slopes	С	46
RehB	Reaville silt loam, 2 to 6 percent slopes	С	46 *DEPTH OF GROUNDWATER



Dewberry

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SOIL MAP, HSG, AND GROUNDWATER DEPTHS	(REFER TO REPORT COVER)
PROJECT	PROJ. NO.
CARRIER CLINIC	50164256

FIG-05

APPENDIX D

FLOOD INSURANCE RATE MAP REGULATED WETLANDS MAP



NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and /or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

The **projection** used in the preparation of this map was New Jersey State Plane, FIPSZONE 2900. The horizontal datum was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services NOAA, N/NGS12 National Geodetic Survey SSMC-3, #9202 1315 East-West Highway Silver Spring, Maryland 20910-3282 (301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit their website at www.ngs.noaa.gov.

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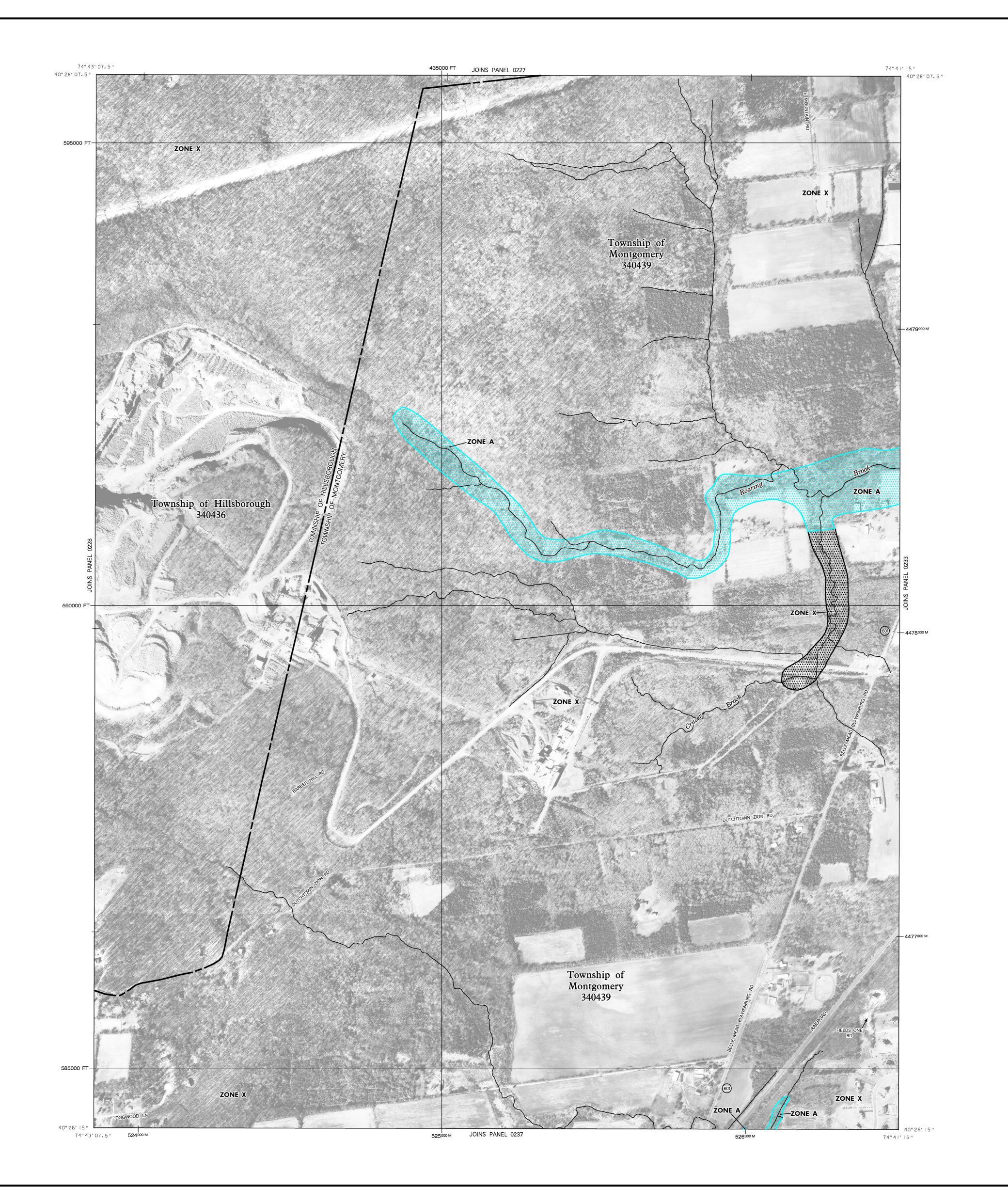
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LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1 % ANNUAL CHANCE FLOOD

Flood Elevation is the water-surface elevation of the 1% annual chance flood.

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special

Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas

of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base

No Base Flood Elevations determined.

Base Flood Elevations determined.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities

Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently

decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or

ZONE A99 Area to be protected from 1% annual chance flood by a Federal

flood protection system under construction; no Base Flood Elevations Coastal flood zone with velocity hazard (wave action); no Base Flood

Elevations determined. Coastal flood zone with velocity hazard (wave action); Base Flood Elevations

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance

OTHER AREAS

Areas determined to be outside the 0.2% annual chance floodplain.

Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs) CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

> 1% annual chance floodplain boundary 0.2% annual chance floodplain boundary

Floodway boundary Zone D boundary

CBRS and OPA boundary Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities. Base Flood Elevation line and value; elevation in feet*

Base Flood Elevation value where uniform within zone; elevation in feet* *Referenced to the North American Vertical Datum of 1988

Cross section line

(23)----(23)

(EL 987)

600000 FT

Geographic coordinates referenced to the North American Datum 1983 (NAD 83), Western Hemisphere 32°22′30", 97°07′30" 4276000 M 1000-meter Universal Transverse Mercator grid ticks, zone 18

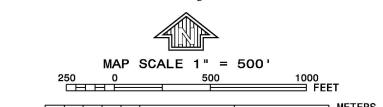
> 5000-foot grid values: New Jersey State Plane coordinate system, FIPSZONE 2900, Transverse Mercator projection Bench mark (see explanation in Notes to Users section of this FIRM panel)

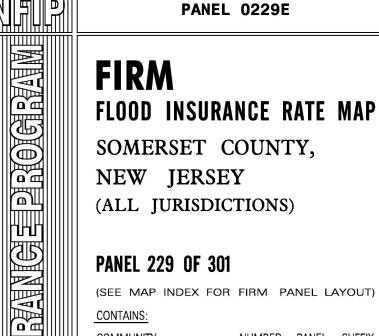
MAP REPOSITORY Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

SEPTEMBER 28, 2007 EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction. To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1–800–638–6620.





(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

NUMBER PANEL <u>SUFFIX</u> HILLSBOROUGH, TOWNSHIP OF 340436 0229 MONTGOMERY, TOWNSHIP OF 340439 0229

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject



34035C0229E EFFECTIVE DATE **SEPTEMBER 28, 2007**

MAP NUMBER

Federal Emergency Management Agency

NOTES TO USERS

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To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and /or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood** control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

The **projection** used in the preparation of this map was New Jersey State Plane, FIPSZONE 2900. The horizontal datum was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

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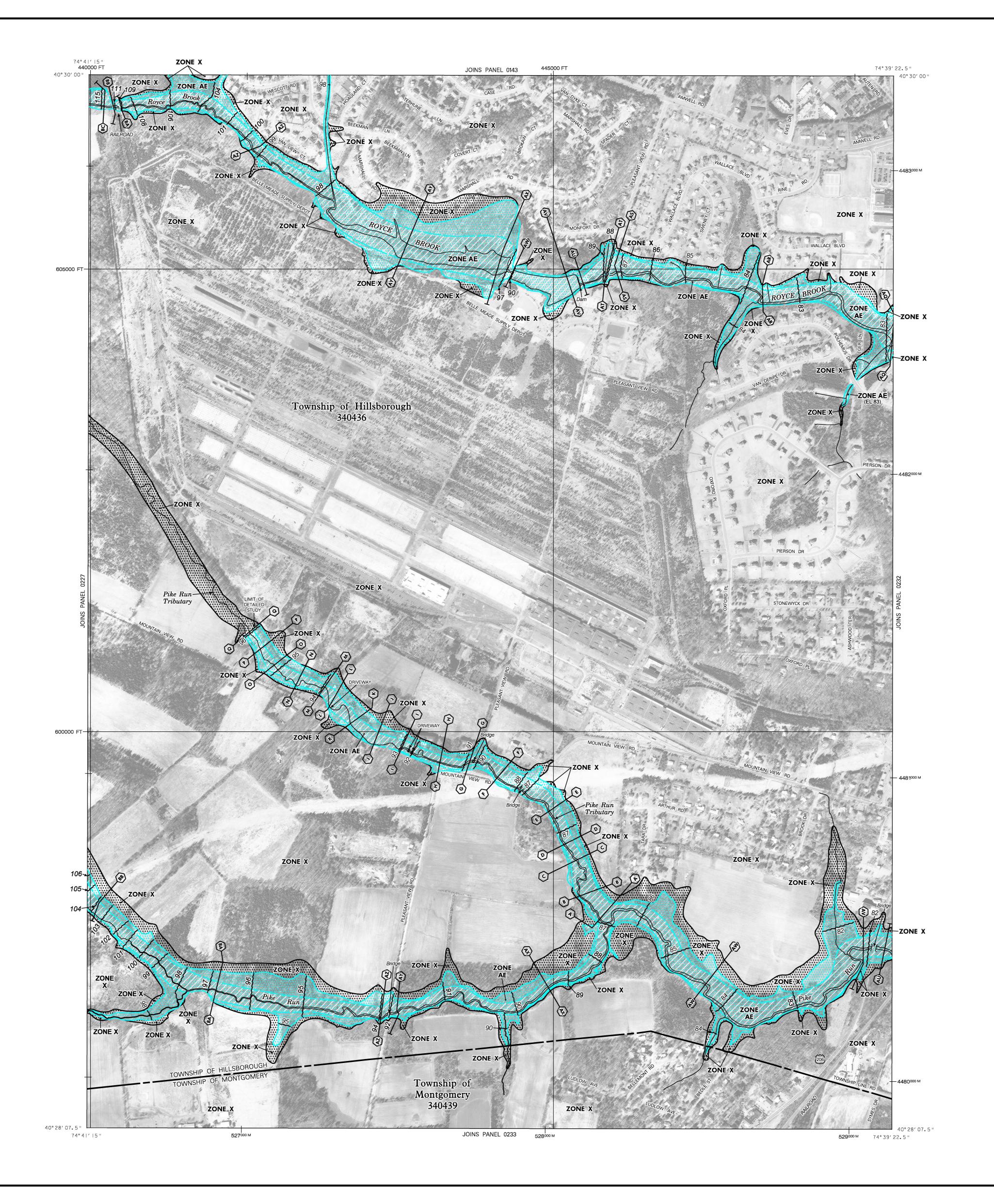
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LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO

INUNDATION BY THE 1 % ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base

Flood Elevation is the water-surface elevation of the 1% annual chance flood.

No Base Flood Elevations determined.

Base Flood Elevations determined.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood

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Special Flood Hazard Area formerly protected from the 1% annual

chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or

flood protection system under construction; no Base Flood Elevations

Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE A99 Area to be protected from 1% annual chance flood by a Federal

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance

Areas determined to be outside the 0.2% annual chance floodplain.

Areas in which flood hazards are undetermined, but possible.

600000 FT

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs) CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

> 1% annual chance floodplain boundary 0.2% annual chance floodplain boundary

Floodway boundary Zone D boundary CBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities. Base Flood Elevation line and value; elevation in feet* Base Flood Elevation value where uniform within zone;

(EL 987) elevation in feet* *Referenced to the North American Vertical Datum of 1988

Cross section line (23)----(23)

Geographic coordinates referenced to the North American Datum 1983 (NAD 83), Western Hemisphere 32°22′30", 97°07′30" 1000-meter Universal Transverse Mercator grid ticks, zone 18 4276000 M

5000-foot grid values: New Jersey State Plane coordinate system, FIPSZONE 2900, Transverse Mercator projection Bench mark (see explanation in Notes to Users section of this FIRM panel)

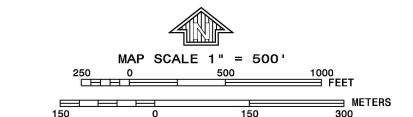
MAP REPOSITORY Refer to listing of Map Repositories on Map Index

> EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

SEPTEMBER 28, 2007

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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PANEL 0231E **FIRM** PANEL 231 OF 301

FLOOD INSURANCE RATE MAP SOMERSET COUNTY,

NEW JERSEY (ALL JURISDICTIONS)

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

NUMBER PANEL SUFFIX HILLSBOROUGH, TOWNSHIP OF 340436 0231 MONTGOMERY, TOWNSHIP OF 340439 0231

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject



34035C0231E EFFECTIVE DATE **SEPTEMBER 28, 2007**

MAP NUMBER

Federal Emergency Management Agency

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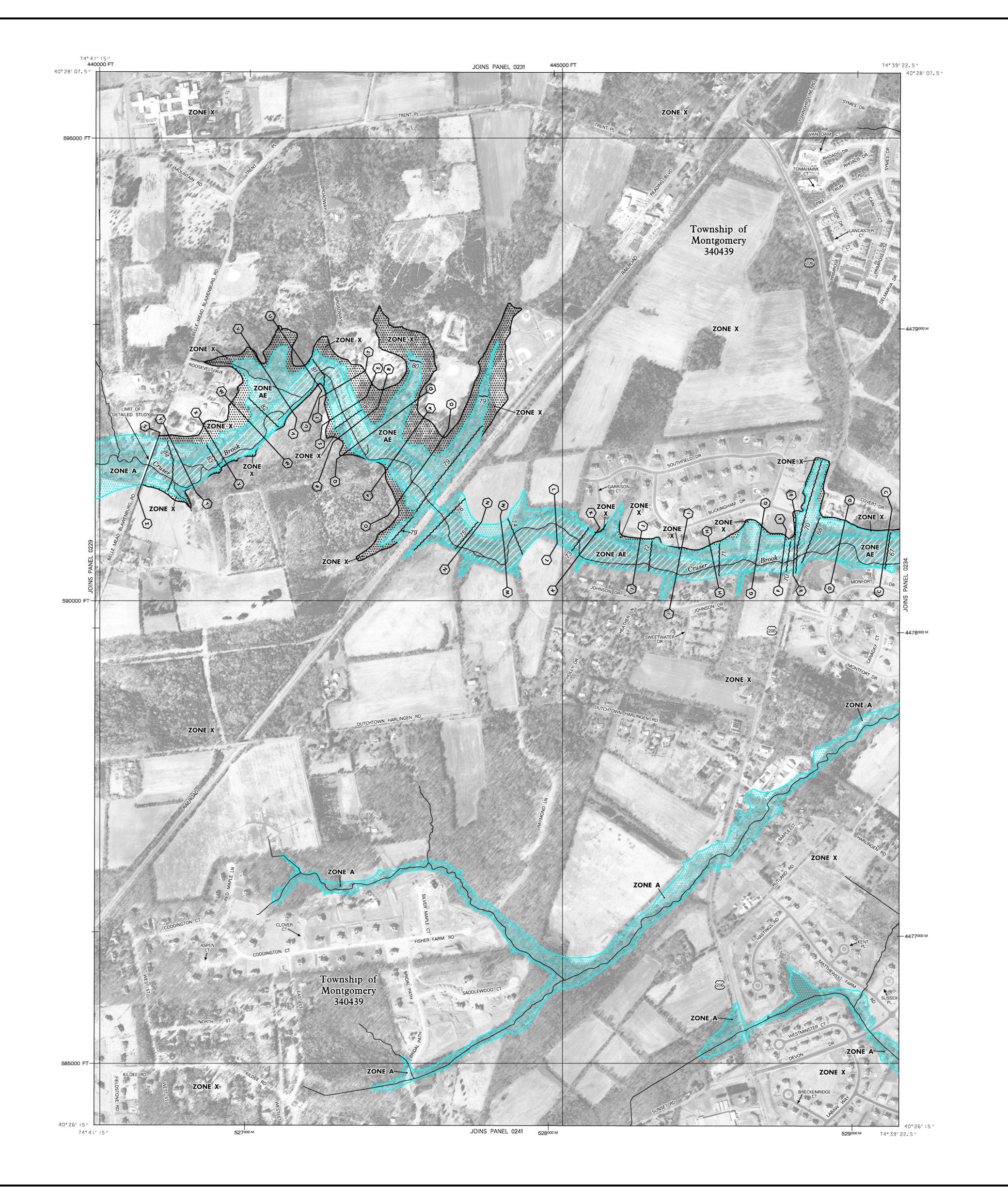
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LEGEND

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Flood Elevation is the water-surface elevation of the 1% annual chance flood. No Base Flood Elevations determined.

Base Flood Elevations determined.

Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood

Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities

Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is

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ZONE A99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations Coastal flood zone with velocity hazard (wave action); no Base Flood

Coastal flood zone with velocity hazard (wave action); Base Flood Elevations

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance

Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.

(EL 987)

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

OTHERWISE PROTECTED AREAS (OPAs)

1% annual chance floodplain boundary 0.2% annual chance floodplain boundary

Floodway boundary Zone D boundary CBRS and OPA boundary

> Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities. Base Flood Elevation line and value; elevation in feet* Base Flood Elevation value where uniform within zone;

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Cross section line

(23)----(23) Geographic coordinates referenced to the North American Datum 1983 (NAD 83), Western Hemisphere 32°22′30", 97°07′30" 4276000 M 1000-meter Universal Transverse Mercator grid ticks, zone 18

5000-foot grid values: New Jersey State Plane coordinate 600000 FT system, FIPSZONE 2900, Transverse Mercator projection Bench mark (see explanation in Notes to Users section of this FIRM panel)

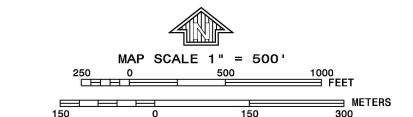
MAP REPOSITORY

Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP SEPTEMBER 28, 2007

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

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FIRM FLOOD INSURANCE RATE MAP

PANEL 0233E

SOMERSET COUNTY, NEW JERSEY (ALL JURISDICTIONS)

PANEL 233 OF 301

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

NUMBER PANEL SUFFIX MONTGOMERY, TOWNSHIP OF 340439 0233 E

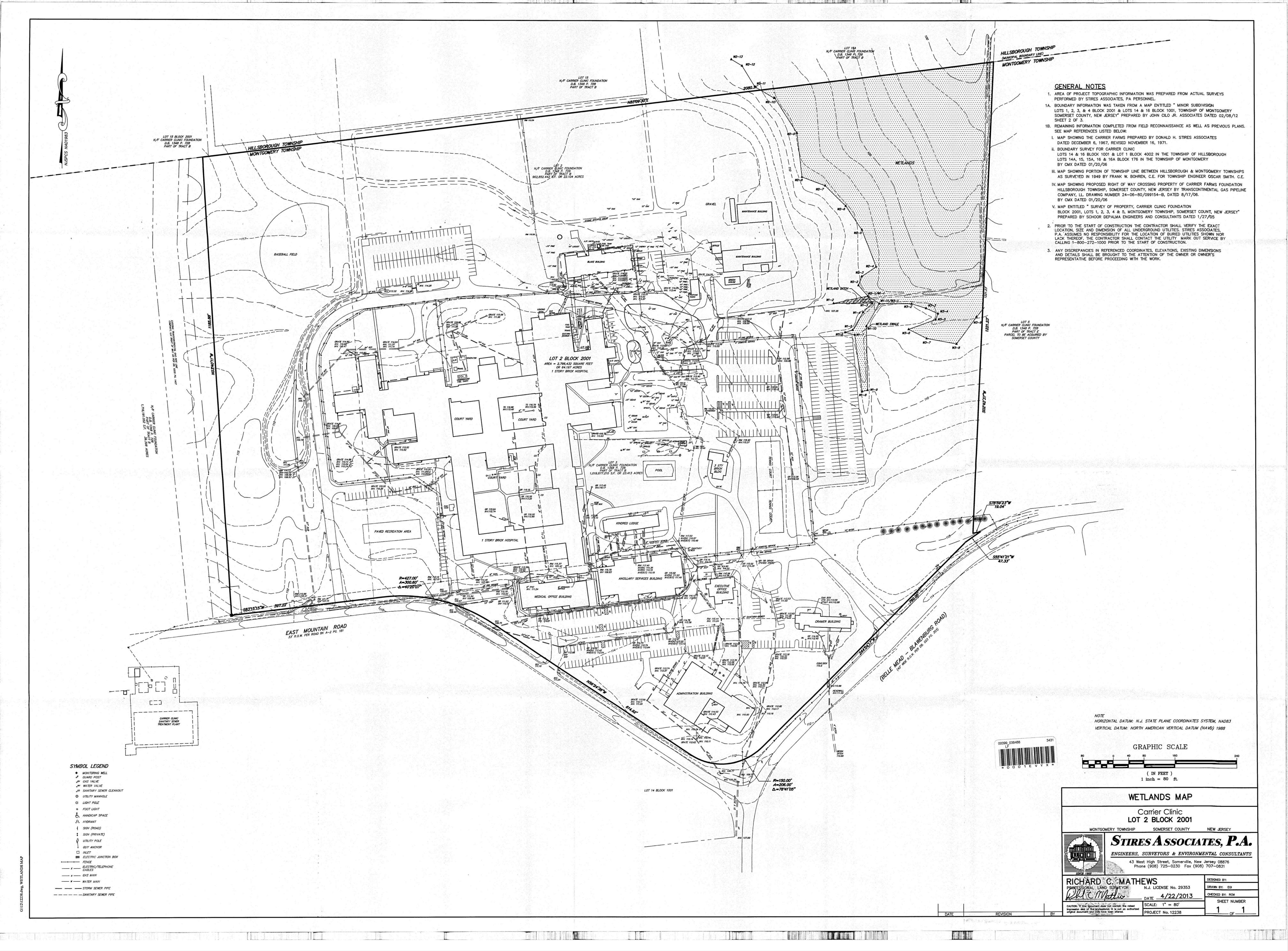
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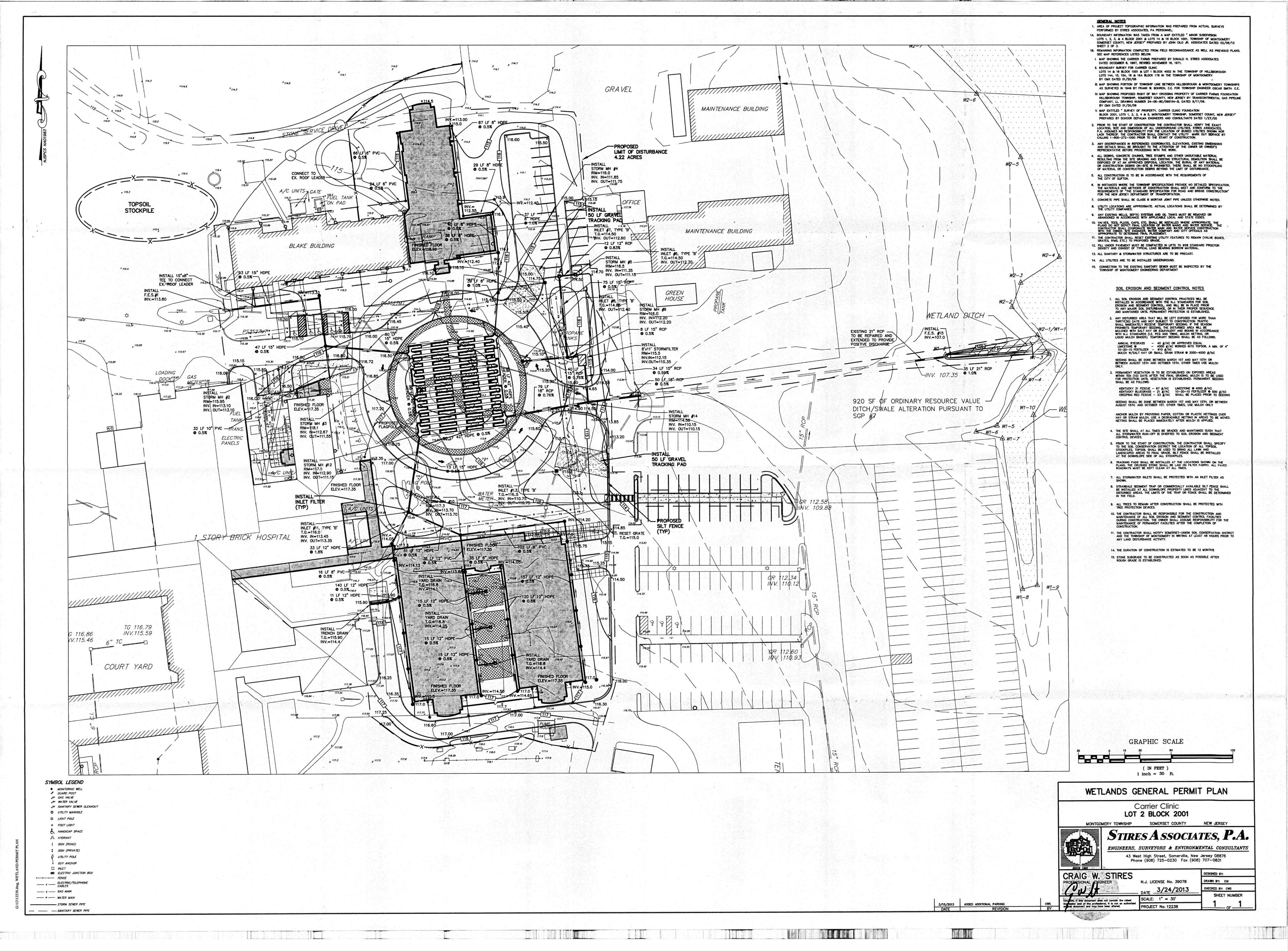


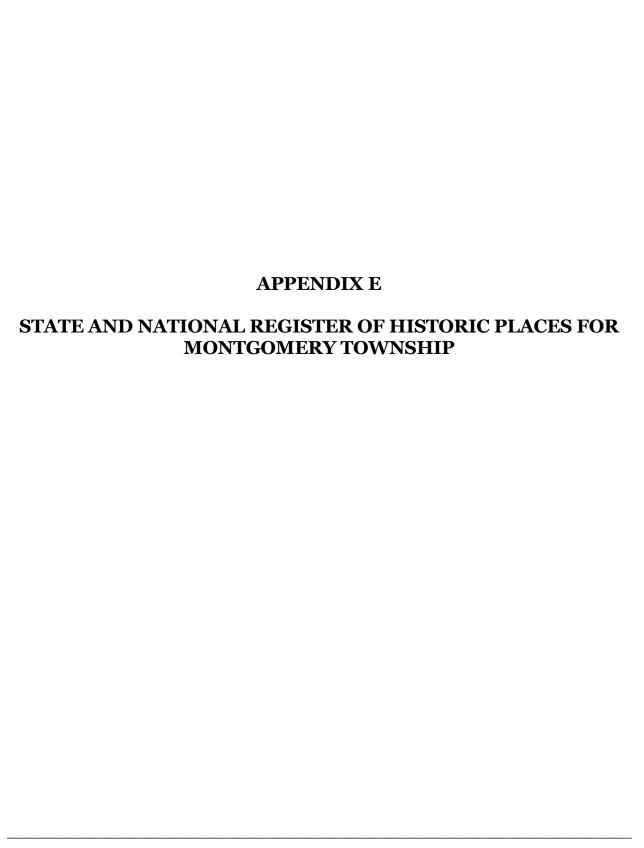
34035C0233E EFFECTIVE DATE **SEPTEMBER 28, 2007**

MAP NUMBER

Federal Emergency Management Agency









SOMERSET County

Page 1 of 15

SOMERSET County

Bedminster Township

Bedminster Reformed Church (Grace Fellowship Church) (ID#3531)

375 Main Street

SHPO Opinion: 2/25/1985

COE: 6/23/2005

Greater Cross Roads Historic District (ID#3441)

Lamington Road

SHPO Opinion: 6/13/1997

Hamilton Farm Stable Complex (ID#5101)

1040 Pottersville Road

NR: 5/18/2018 (NR Reference #: RS100001243)

SR: 4/6/2017 COE: 8/3/2011

(a.k.a. James Cox Brady Stable, U.S. Equestian Team

Headquarters, COE is for individual property)

A. Herzog Farmstead (ID#2459)

190 Pottersville Road

SHPO Opinion: 12/29/1993

Lamington Historic District (ID#2461)

Portions of Lamington, Black River, Rattlesnake Bridge and Cowperthwaite roads

NR: 6/21/1984 (NR Reference #: 84002802)

SR: 5/7/1984

Lesser Crossroads / Bedminster Village Historic District (ID#2462)

Peapack and Lamington roads SHPO Opinion: 7/21/1992

James Martin House (ID#2463)

120 Pottersville Road

SHPO Opinion: 12/29/1993

McDonald's-Kline's Mill (ID#2464)

Kline's Mill Road

NR: 3/9/1987 (NR Reference #: 87000410)

SR: 11/20/1986

Natirar Estate [Historic District] (ID#4089)

County Route 512 COE: 10/25/2002

See Main Entry / Filed Location:

SOMERSET County, Peapack and Gladstone Borough

Peapack Brook Rural Industrial Historic District (ID#3452)

Old Dutch and Peapack roads SHPO Opinion: 5/2/1997

Also located in:

SOMERSET County, Far Hills Borough

SOMERSET County, Peapack and Gladstone Borough

Pluckemin Continental Artillery Cantonment Site (28-So-27) (ID#4769)

NR: 3/14/2008 (NR Reference #: 08000180)

SR: 1/17/2008

Pluckemin Village Historic District (ID#2465)

District is concentrated along US Route 206 and Burnt Mills Road

NR: 7/26/1982 (NR Reference #: 82003303)

SR: 2/22/1982

Pottersville Village Historic District (ID#1633)

County Route 512, Hill Street, and McCann Mill Road, Black River and Hacklebarney roads

NR: 9/18/1990 (NR Reference #: 90001475)

SR: 8/9/1990

See Main Entry / Filed Location:

HUNTERDON County, Tewksbury Township

Jacobus Vanderveer House (ID#2808)

US Routes 202 and 206, north of River Road NR: 9/29/1995 (NR Reference #: 95001137)

SR: 7/13/1995

Vanderveer Archaeological Site (28-So-97) (ID#2466)

SHPO Opinion: 11/1/1988

Bernards Township

The Academy (ID#2467)

15 West Oak Street

NR: 7/21/1976 (NR Reference #: 76001185)

SR: 11/25/1975

Alward House (ID#2468)

40 Mount Airy Road

NR: 3/13/1986 (NR Reference #: 86000388)

SR: 2/5/1986

Basking Ridge Historic District (ID#2469)

North & South Finley and North & South Maple avenues; Lewis, West Craig & Oak streets

DOE: 8/18/1994 (DOE/Owner Objection)

Basking Ridge Presbyterian Church (ID#2470)

6 East Oak Street

NR: 12/31/1974 (NR Reference #: 74001190)

SR: 10/24/1974

Boudinot / Southard Farmstead (ID#4955)

135 North Maple Avenue

NR: 12/18/2009 (NR Reference #: 09001101)

SR: 9/11/2009

"The Builidngs" (Lord Stirling Manor Complex) (ID#2475)

NR: 5/22/1978 (NR Reference #: 78001795)

SR: 12/1/1976

Page 2 of 15

SOMERSET County

Coffee House (ID#2471)

214 North Maple Avenue

NR: 11/7/1977 (NR Reference #: 77000906)

SR: 3/28/1977

Franklin Corners Historic District (ID#2472)

Hardscrabble and Childs roads

NR: 5/12/1975 (NR Reference #: 75001159)

SR: 12/12/1974

Gladstone Branch of the Delaware, Lackawanna and Western (DL&W) Railroad Historic District (ID#5030)

NJ Transit Gladstone Line between Peapack and Gladstone Borough

and Summit City

SHPO Opinion: 10/20/2010

See Main Entry / Filed Location:

SOMERSET County, Peapack and Gladstone Borough

Kennedy-Martin-Stelle Farmstead (ID#4200)

450 King George Road

NR: 5/5/2004 (NR Reference #: 03000868)

SR: 6/9/2003 COE: 5/14/2001

(Referred to in COE as "Reverend Samuel Kennedy

Parsonage Farmstead")

Liberty Corner Historic District (ID#2473)

Church Street, Lyons Road, and Valley Road NR: 10/11/1991 (NR Reference #: 91001477)

SR: 8/16/1991

Lyons Railroad Station (ID#2474)

Lyons Road

NR: 6/22/1984 (NR Reference #: 84002805)

SR: 3/17/1984

(Thematic Nomination of Operating Passenger Railroad

Stations [ID#5080])

Lyons Veterans Administration Hospital Historic District (ID#2476)

151 Knollcroft Road

NR: 7/3/2013 (NR Reference #: 13000461)

SR: 4/29/2013 DOE: 11/26/1980

SHPO Opinion: 6/12/1980

(United States Second Generation Veterans Hospitals MPDF)

PSE&G Roseland to Branchburg Segment of the Roseland to Pleasant Valley Transmission Line (NHL, ID#5786)

SHPO Opinion: 8/14/2020

(Extends from Livingston Township in Essex County to

Branchburg Township in Somerset County)

Bernardsville Borough

Bernardsville Railroad Station (ID#2477)

US Route 202, Mine Brook Road

NR: 6/22/1984 (NR Reference #: 84002786)

SR: 3/17/1984

SHPO Opinion: 9/1/1978

(Thematic Nomination of Operating Passenger Railroad

Stations [ID#5080])

Bernardsville Municipal Building (ID#2901)

Mine Brook Road

SHPO Opinion: 2/27/1995

Country Place-Era Resources of the NJ Somerset Hills, 1872 - ca.1940 MPDF (ID#5240)

NR: 11/23/2020 (NR Reference #: MC100005810)

SR: 2/21/2013

Dunster-Squibb House (ID#4997)

189 Mine Brook Road (Route 202)

SR: 10/16/2013 COE: 8/6/2010

(The Dunster Farmstead, The Orchard)

Gill-Saint Bernards Lower School (ID#2478)

Claremont Road

SHPO Opinion: 6/11/1993

Gladstone Branch of the Delaware, Lackawanna and Western (DL&W) Railroad Historic District (ID#5030)

NJ Transit Gladstone Line between Peapack and Gladstone Borough

and Summit City

SHPO Opinion: 10/20/2010

See Main Entry / Filed Location:

SOMERSET County, Peapack and Gladstone Borough

Morristown National Historical Park (ID#3381)

NR: 10/15/1966 (NR Reference #: 66000053)

SR: 5/27/1971

(National Historic Site; Four discontiguous units: Washington's Headquarters, Fort Nonsense, Jockey Hollow, and New Jersey Brigade Encampment. Additional documentation accepted by the Keeper of the National Register 2/27/80.)

See Main Entry / Filed Location:

MORRIS County, Morristown Town

Olcott Avenue Historic District (ID#4896)

Portions of Olcott, Childsworth, & Highview Avenues and Church Street

NR: 11/20/2009 (NR Reference #: 09000940)

SR: 5/20/2009

John Parker Tavern (ID#2479)

2 Morristown Road

NR: 12/14/1978 (NR Reference #: 78001796)

SR: 4/15/1978

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SOMERSET County

Reynolds-Scherman House (ID#2480)

71 Hardscrabble Road

NR: 4/29/1989 (NR Reference #: 89000298)

SR: 3/3/1989

St. Bernard's Church and Parish House (ID#4269)

88 Claremont Road

NR: 9/6/2006 (NR Reference #: 06000761)

SR: 6/28/2006 COE: 4/21/2004

Bound Brook Borough

Bolmer Building (ID#4295)

530-544 East Main Street SHPO Opinion: 1/28/2004

Bound Brook Hotel and Tavern (ID#3443)

507 East Main Street

SHPO Opinion: 3/19/1996

Presbyterian Church at Bound Brook (ID#4429)

409 Mountain Avenue

NR: 8/28/2007 (NR Reference #: 07000876)

SR: 7/5/2007 COE: 5/27/2005

Bound Brook Railroad Station (ID#2481)

East Main and Hamilton streets

NR: 6/22/1984 (NR Reference #: 84002787)

SR: 3/17/1984

SHPO Opinion: 2/21/1979

(Thematic Nomination of Operating Passenger Railroad

Stations [ID#5080])

Brook Theatre (ID#4114)

10 Hamilton Street

NR: 5/5/2014 (NR Reference #: 14000190)

SR: 2/27/2014 COE: 4/16/2001

Central Railroad of New Jersey Main Line Corridor Historic District (ID#3500)

Railroad right-of-way from Phillipsburg to Bayonne, including all associated features

DOE: 11/30/1995

SHPO Opinion: 7/19/1991

(Historic district extends through 29 municipalities in 5

counties)

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

King / Voorhees House Site (28-So-157) (ID#4988)

SHPO Opinion: 9/8/2010

Lehigh Valley Railroad Historic District (ID#4154)

SHPO Opinion: 3/15/2002

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

Lehigh Valley Railroad and Port Reading Railroad Bridges (ID#3444)

Lehigh Valley Railroad and Port Reading Railroad over stream

SHPO Opinion: 3/19/1996

Lincoln Boulevard/East Main Street Bridge (SI&A #122B235) (ID#3445)

Lincoln Boulevard/East Main Street over Green Brook

SHPO Opinion: 3/19/1996 (Demolished c2000)

Also located in:

MIDDLESEX County, Middlesex Borough

Old Stone Arch Bridge (ID#4773)

Railroad Avenue, approximately 194 feet east of South Main Street

NR: 6/27/2008 (NR Reference #: 08000550)

SR: 5/7/2008

SHPO Opinion: 5/24/2002

Pillar of Fire Building (ID#3446)

519-525 East Main Street SHPO Opinion: 3/19/1996

COE: 6/16/2000

Port Reading Railroad Historic District (ID#4142)

SHPO Opinion: 3/15/2002

Also located in:

MIDDLESEX County, Edison Township
MIDDLESEX County, Metuchen Borough
MIDDLESEX County, Middlesex Borough
MIDDLESEX County, Piscataway Township
MIDDLESEX County, South Plainfield Borough
MIDDLESEX County, Woodbridge Township

Raritan Road / Plainfield Road / Landing Road / Railroad Avenue Iron Truss Bridge (SI&A #18H0708) (ID#4137)

Raritan Road (abandoned) over Green Brook

SHPO Opinion: 3/3/2003

See Main Entry / Filed Location:

MIDDLESEX County, Middlesex Borough

Branchburg Township

William Braley House (ID#5772)

176 Readington Road SHPO Opinion: 5/5/2020

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SOMERSET County

Central Railroad of New Jersey Main Line Corridor Historic District (ID#3500)

Railroad right-of-way from Phillipsburg to Bayonne, including all associated features

DOE: 11/30/1995 SHPO Opinion: 7/19/1991

(Historic district extends through 29 municipalities in 5

counties)

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

Chambers Brook Bridge (Dumont Creek) (ID#264)

NJ Transit, Raritan Valley Line, MP 39.40 over Dumont Creek

SHPO Opinion: 2/3/1999

Judge John Schenck House (ID#4641)

304 Maple Ave COE: 10/20/1998

(Also known as "Shadow Lawn")

Lehigh Valley Railroad Historic District (ID#4154)

SHPO Opinion: 3/15/2002

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

North Branch Viaduct (ID#263)

NJ Transit Raritan Valley Line, Milepost 39.09

SHPO Opinion: 2/3/1999

Neshanic Station Historic District (ID#2903)

Maple Avenue, Fairview Drive; Elm, Olive, Pearl, Main, Marshall streets;

Woodfern Road

NR: 2/8/2016 (NR Reference #: 15001051)

SR: 12/17/2015

SHPO Opinion: 2/16/1995

COE: 7/22/2013

Also located in:

SOMERSET County, Hillsborough Township

North Branch Historic District (ID#2357)

Easton Avenue

NR: 4/16/2012 (NR Reference #: 12000209)

SR: 1/13/2012 SHPO Opinion: 1/9/2004

COE: 8/26/1999

(Previous SHPO Opinion: 8/12/1998)

PSE&G Branchburg to Pleasant Valley Segment of the Roseland to Pleasant Valley Transmission Line (ID#5785)

SHPO Opinion: 8/17/2020

(Extends from Branchburg Township in Somerset County to

Lambertville City in Hunterdon County)

PSE&G Roseland to Branchburg Segment of the Roseland to Pleasant Valley Transmission Line (NHL, ID#5786)

SHPO Opinion: 8/14/2020

(Extends from Livingston Township in Essex County to

Branchburg Township in Somerset County)

Andrew K. Shurts House (ID#2902)

1941 Holland Brook Road SHPO Opinion: 9/15/1995

South Branch Historic District Amendment (ID#2482)

South Branch Road

SHPO Opinion: 2/22/1994

South Branch Schoolhouse (ID#4031)

South Branch River Road

NR: 3/30/2005 (NR Reference #: 05000221)

SR: 2/14/2005

SHPO Opinion: 9/9/1993

COE: 4/5/2001

Andrew Ten Eyck House (ID#4198)

671 Old York Road

NR: 5/6/2004 (NR Reference #: 04000391)

SR: 7/30/2003 COE: 4/11/2001

John Van Camp Farmstead (ID#4229)

South Branch Road COE: 4/24/2003

Van Camp Rural Historic District (ID#5227)

Opie Road

SHPO Opinion: 12/5/2012

(a.k.a. Neshanic Valley Golf Course)

Voorhees Dutch Barn (ID#5491)

858 Old York Road

COE: 4/4/2016

Bridgewater Township

Central Railroad of New Jersey Main Line Corridor Historic District (ID#3500)

Railroad right-of-way from Phillipsburg to Bayonne, including all associated features

DOE: 11/30/1995

SHPO Opinion: 7/19/1991

(Historic district extends through 29 municipalities in 5

counties)

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

Delaware and Bound Brook (Reading) Railroad Historic District (ID#4540)

SHPO Opinion: 9/9/2005

See Main Entry / Filed Location:

MERCER County, Ewing Township

Finderne Avenue Bridge (ID#2483)

Finderne Avenue over Central Railroad of NJ

DOE: 7/2/1979 (Demolished)

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SOMERSET County

Johns Manville Research Center (ID#4378)

10 Finderne Avenue

SHPO Opinion: 12/2/2004

Lane-Voorhees House (ID#4122)

551 Milltown Road SR: 2/21/2019 COF: 3/6/2003

(a.k.a. Lane-Brokaw House)

Lehigh Valley Railroad Historic District (ID#4154)

SHPO Opinion: 3/15/2002

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

Lehigh Valley Railroad Bridge (ID#3605)

Conrail over Raritan River SHPO Opinion: 7/30/1990

See Main Entry / Filed Location:

SOMERSET County, Manville Borough

Middlebrook Encampment (ID#2485)

NR: 7/3/1975 (NR Reference #: 75001160)

SR: 5/8/1975

New Milltown Road Archaeological Site (28-So-137) (ID#4294)

SHPO Opinion: 6/2/2004

Raritan Water Power Canal Historic District (ID#3633)

SHPO Opinion: 8/27/2001 (Previous SHPO Opinion 7/14/00)

Also located in:

SOMERSET County, Raritan Borough

Reading Railroad Bridge (Eastern) (ID#3607)

Conrail over Raritan River SHPO Opinion: 7/30/1990

See Main Entry / Filed Location:

SOMERSET County, Manville Borough

Reading Railroad Bridge (Western) (ID#3608)

Conrail over Raritan River SHPO Opinion: 7/30/1990

See Main Entry / Filed Location:

SOMERSET County, Manville Borough

P.I. Van Arsdale Farm Property Boundary Marker (28-So-120) (ID#2486)

SHPO Opinion: 8/26/1994

Van Horne House (ID#3719)

941 Main Street

NR: 3/8/2002 (NR Reference #: 02000133)

SR: 12/20/2001 COE: 4/23/2001

Van Veghten House (ID#2487)

At end of Industrial Park Roadway west of Finderne Avenue

NR: 10/10/1979 (NR Reference #: 79003253)

SR: 7/21/1979

(See also Van Veghten House boundary increase.)

Van Veghten House Boundary Increase (ID#3984)

Property south of Van Veghten House bounded by Raritan River.

SHPO Opinion: 5/9/2002

Jacob Vosseller/Castner/Allen Tavern (ID#2488)

664 Foothill Road

NR: 1/23/1986 (NR Reference #: 86000133)

SR: 11/26/1985

Countywide

Metal Truss Bridges of Somerset County MPDF (ID#2457)

NR: 11/12/1992 (NR Reference #: 64500404)

SR: 9/11/1992

(See individual listings in Somerset County)

Early Stone Arch Bridges of Somerset County MPDF (ID#2458)

NR: 2/17/1994 (NR Reference #: 64500399)

SR: 12/20/1993

(See individual listings in Somerset County)

Far Hills Borough

Blairsden (ID#3732)

Highland Avenue

SHPO Opinion: 8/8/2000

COE: 6/14/1993

See Main Entry / Filed Location:

SOMERSET County, Peapack and Gladstone Borough

Far Hills Railroad Station (ID#2489)

US Route 202

NR: 6/22/1984 (NR Reference #: 84002789)

SR: 3/17/1984

(Thematic Nomination of Operating Passenger Railroad

Stations [ID#5080])

Gladstone Branch of the Delaware, Lackawanna and Western (DL&W) Railroad Historic District (ID#5030)

NJ Transit Gladstone Line between Peapack and Gladstone Borough

and Summit City

SHPO Opinion: 10/20/2010

See Main Entry / Filed Location:

SOMERSET County, Peapack and Gladstone Borough

Alexander and James Linn Homestead (ID#2493)

Mine Brook Road, between Lake and Sunnybranch roads

NR: 10/27/1988 (NR Reference #: 88002057)

SR: 6/24/1986

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SOMERSET County

Mine Brook Tributary Bridge (ID#247)

NJ Transit Gladstone Line over Mine Brook tributary, Milepost 37.94 SHPO Opinion: 2/3/1999

Natirar Estate [Historic District] (ID#4089)

County Route 512 COE: 10/25/2002

See Main Entry / Filed Location:

SOMERSET County, Peapack and Gladstone Borough

North Branch Raritan River Bridge (ID#3447)

NJ Transit Gladstone Branch over North Branch Raritan River, Milepost 40 21

SHPO Opinion: 2/3/1999

(a.k.a. Hogback Bridge, Previous SHPO Opinion 4/14/97.

Demolished)

Also located in:

SOMERSET County, Peapack and Gladstone Borough

Overleigh Estate (ID#5869)

220 Route 202

SHPO Opinion: 6/8/2022

(a.k.a. Dillon Estate; Eligible to be Listed under Country Place-Era Resources of the NJ Somerset Hills, 1872 - ca.1940

MPDF)

Peapack Brook Rural Industrial Historic District (ID#3452)

Old Dutch and Peapack roads SHPO Opinion: 5/2/1997

See Main Entry / Filed Location:

SOMERSET County, Bedminster Township

Franklin Township

Cornelius S. Conover Farm (ID#3960)

New Brunswick Avenue SHPO Opinion: 4/4/2002 (Demolished)

Delaware and Raritan Canal Historic District (ID#1600)

Entire Canal bed and all land 100 yards to either side of the center line

NR: 5/11/1973 (NR Reference #: 73001105)

SR: 11/30/1972

(Extends through five counties from the Delaware River to the

Raritan River)

See Main Entry / Filed Location:

HUNTERDON County, Lambertville City

Delaware and Raritan Canal Historic District Extension (ID#2503)

Weston Canal Road

SHPO Opinion: 1/25/1993 (Van Nest Farmstead)

East Millstone Historic District (ID#2494)

Amwell Road and Delaware and Raritan Canal NR: 3/17/1983 (NR Reference #: 83001613)

SR: 2/3/1983

Hendrick Fisher House (ID#4470)

1960 Easton Avenue COE: 6/15/2005

Garretson House and Barn (Site 5) (ID#2495)

New Brunswick Road SHPO Opinion: 6/23/1982 (Demolished)

Griggstown Historic District (ID#2496)

Canal Road

NR: 8/2/1984 (NR Reference #: 84002798)

SR: 6/21/1984

Also located in:

SOMERSET County, Montgomery Township

Hageman Farm Complex (ID#2497)

South Middlebush Road COE: 1/19/1990

Howe Farmstead Historic District (ID#4626)

538 Elizabeth Avenue

(Found no longer eligible as per COE dated 7/18/2023 (G2023-135-PROD) due to demolition and deterioration of the outbuildings, rescinded COE from 7/21/2006 (G2006-186-PROD))

Inch Lines Linear Multistate Historic District (ID#1914)

SHPO Opinion: 8/31/1993

(Extends through twelve municipalities in three counties.)

See Main Entry / Filed Location:

UNION County, Linden City

King's Highway Historic District (ID#353)

US Route 206 and NJ Route 27, between Lawrenceville and Kingston

NR: 12/21/2000 (NR Reference #: 00001493)

SR: 10/23/2000

See Main Entry / Filed Location:

MERCER County, Princeton

Kingston Mill Historic District (ID#1746)

Portions of River, Herrontown, and Princeton-Kingston roads, and the Millstone River

NR: 4/10/1986 (NR Reference #: 86000707)

SR: 3/5/1986

See Main Entry / Filed Location:

MERCER County, Princeton

Kingston Village Historic District (ID#2498)

NJ Route 27, Laurel Avenue, Church Street; Heathcote Brook Road, Academy Street, etc.

NR: 1/11/1990 (NR Reference #: 89002163)

SR: 11/20/1989

SHPO Opinion: 12/20/1988

See Main Entry / Filed Location:

MIDDLESEX County, South Brunswick Township

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SOMERSET County

Middlebush Village Historic District (ID#4704)

Amwell & South Middlebush Roads; Railroad Avenue; Olcott & Debow Streets

NR: 4/25/2007 (NR Reference #: 07000354)

SR: 2/7/2007

Charles B. Moore House (ID#3530)

4451 NJ Route 27

SHPO Opinion: 9/3/1986

NJ Route 27 (3E) Bridge (SI&A #1216158) (ID#1889)

NJ Route 27 over Six Mile Run

DOE: 5/1/1995

(Not individually eligible and non-contributing to Six Mile Run

HD; SHPO Opinion of 2/22/93 overturned by DOE.)

See Main Entry / Filed Location:

MIDDLESEX County, North Brunswick Township

Old Kingston Bridge (SI&A # 1105151) (ID#5121)

Old NJ Route 27 over Millstone River SHPO Opinion: 10/20/2011

(Listed as part of Kingston Mill Historic District)

See Main Entry / Filed Location:

MERCER County, Princeton

Rockingham (ID#2499)

County Route 518

NR: 1/11/2010 (NR Reference #: 70000394)

SR: 9/28/2009

Rocky Hill Historic District (ID#2580)

Washington Street, Montgomery, Crescent, and Princeton avenues

NR: 7/8/1982 (NR Reference #: 82003304)

SR: 1/14/1982

See Main Entry / Filed Location:

SOMERSET County, Rocky Hill Borough

Six Mile Run Historic District (ID#2500)

South Middlebush and Suydam roads, Cortelyou's and Jacques lanes, and vicinity

NR: 10/25/1995 (NR Reference #: 95001191)

SR: 7/14/1993

Six Mile Run Reformed Church (ID#3527)

3071 NJ Route 27

NR: 12/18/2009 (NR Reference #: 09001102)

SR: 1/9/2009

SHPO Opinion: 4/26/1994

Six Mile Run Village Historic District (ID#3528)

Pleasant Plains Road and NJ Route 27

SHPO Opinion: 4/26/1994

Also located in:

MIDDLESEX County, South Brunswick Township

Percy Smith Farm Site (Site 19) (ID#2501)

Weston Canal Road

SHPO Opinion: 6/23/1982

Somerset County Courthouse Archaeological Site (28-So-112)

(ID#2502)

SHPO Opinion: 4/26/1994

Stankovich Auto Body (ID#4797)

893 Somerset Street (Route 27) SHPO Opinion: 9/18/2007

Stillwell-Van Tine House (ID#5943)

538 Elizabeth Avenue COE: 7/18/2023

Tulipwood (ID#4226)

1165 Hamilton Street

NR: 9/9/2005 (NR Reference #: 05000966)

SR: 7/14/2005 COE: 12/5/2003

Symen Van Wickle House (The Meadows) (ID#2504)

1289 Easton Avenue

NR: 12/4/1973 (NR Reference #: 73001134)

SR: 9/18/1973

Voorhees Site (28-So-153) (ID#4845)

SHPO Opinion: 9/9/2008

Weston Mill Archaeological Site (ID#5602)

SHPO Opinion: 11/30/2017

Also located in:

SOMERSET County, Hillsborough Township

Zarephath Historic District (ID#5905)

Block 515, Lot 5 & Block 516.01, Lot 1 SHPO Opinion: 12/6/2022

Green Brook Township

Vail/Randolph Mill Complex Industrial Archaeological District (28-So-106) (ID#3934)

SHPO Opinion: 3/19/1996

Vail-Trust House (ID#3448)

225 Green Brook Road

NR: 10/7/2008 (NR Reference #: 08000972)

SR: 7/24/2008

SHPO Opinion: 3/19/1996

COE: 8/23/2006

(a.k.a. Trust Farmstead)

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SOMERSET County

Dr. John Vermeule House (ID#4879)

223 Rock Avenue

NR: 2/20/2013 (NR Reference #: 13000024)

SR: 10/18/2010 COE: 4/17/2009

(a.k.a. Adrian Vermeule House, a.k.a Vermeule-Mundy House)

905 Washington Avenue (ID#3449)

905 Washington Avenue SHPO Opinion: 3/19/1996

Hillsborough Township

558 Montgomery-Black Point Road (ID#3982)

558 Montgomery-Black Point Road SHPO Opinion: 5/1/2002

810 Amwell Road (ID#3980)

810 Amwell Road

SHPO Opinion: 5/1/2002

Zaccheus Bergen Farmstead (ID#2507)

Valley Road near US Route 206

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

Brokaw / Gulick Farmstead (ID#2508)

US Route 206, south of Mountain View Road

DOE: 7/8/1985

SHPO Opinion: 6/23/1982

(SHPO Opinion: J.W. Gulick House)

Burrough Farmstead (Site 31) (ID#2509)

Hillsborough Road east of US Route 206

DOE: 7/8/1985

SHPO Opinion: 9/16/1983

Cat Tail Brook Bridge (ID#2510)

Montgomery Road over the Cat Tail Brook NR: 8/1/1979 (NR Reference #: 79001520)

SR: 11/27/1978

Clover Hill Historic District (ID#2511)

Amwell Road, from Hockenbury Road to west of Wertsville-Clover Hill Road

NR: 9/29/1980 (NR Reference #: 80002492)

SR: 10/16/1979

Also located in:

HUNTERDON County, East Amwell Township HUNTERDON County, Raritan Township

Delaware and Bound Brook (Reading) Railroad Historic District (ID#4540)

SHPO Opinion: 9/9/2005

See Main Entry / Filed Location:

MERCER County, Ewing Township

Ditmars House (ID#2512)

60 Clerico Lane

SHPO Opinion: 6/23/1982

(Site 26 on list attached to 6/23/1982 letter in file.)

Ditmars-Polhemus Farmstead (ID#2513)

US Route 206 between Homestead Road and Amwell Road

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

Duke Estate (ID#2514)

Bounded by US Route 206, Roycefield Road and the Raritan River

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

Elmendorf House (ID#2515)

1246 Millstone River Road

NR: 4/16/1992 (NR Reference #: 92000378)

SR: 3/4/1992

Sylvestor Flereberm House (Site 35) (ID#2516)

Township Line Road

SHPO Opinion: 6/23/1982

Harlingen Reform Cemetery (Site 30A) (ID#2518)

US Route 206

SHPO Opinion: 6/23/1982

Higginsville Road Bridges (SI&A #18A0601 and #18A0605) (ID#283)

Higginsville Road over the South Branch of the Raritan River and floodplain

NR: 8/10/2000 (NR Reference #: 00000916)

SR: 6/28/2000 COE: 4/24/1997

(COE notes each bridge as individually eligible.)

Also located in:

HUNTERDON County, Readington Township

Huff House and Farmstead (ID#2519)

River Road at South Branch of the Raritan River NR: 11/7/1976 (NR Reference #: 76001186)

SR: 3/15/1976

Inch Lines Linear Multistate Historic District (ID#1914)

SHPO Opinion: 8/31/1993

(Extends through twelve municipalities in three counties.)

See Main Entry / Filed Location:

UNION County, Linden City

Reverend Labagh House (Site 34) (ID#2520)

Township Line Road near US Route 206

SHPO Opinion: 6/23/1982

(Demolished)

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SOMERSET County

Lehigh Valley Railroad Historic District (ID#4154)

SHPO Opinion: 3/15/2002

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

Liberty School (ID#2521)

US Route 206

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

(Demolished)

Millstone Valley Agricultural District (ID#2522)

River Road from Hillsborough Road to Millstone Borough

NR: 8/10/1977 (NR Reference #: 77000907)

SR: 2/7/1977

Neshanic Historic District (ID#2523)

Main, Amwell, and Zion roads

NR: 8/1/1979 (NR Reference #: 79001519)

SR: 10/10/1978

Neshanic Mills (ID#2524)

Main Road and Mill Lane, Lenticular truss bridge, through Pratt truss bridge, and mill dam

NR: 1/9/1978 (NR Reference #: 78001797)

SR: 6/13/1977

Neshanic Station Historic District (ID#2903)

Maple Avenue, Fairview Drive; Elm, Olive, Pearl, Main, Marshall streets;

Woodfern Road

NR: 2/8/2016 (NR Reference #: 15001051)

SR: 12/17/2015

SHPO Opinion: 2/16/1995

COE: 7/22/2013

See Main Entry / Filed Location:

SOMERSET County, Branchburg Township

North Hillsborough-Raritan River Historic District (ID#3632)

Raritan River, Roycefield Road, New Centre Road, Orchard Road etc.

SHPO Opinion: 8/14/2000

Norfolk Southern Railroad Bridge (SI&A # 1810168) (ID#5507)

Lehigh Valley Railroad over U.S. Route 206

SHPO Opinion: 7/18/2016

(a.k.a. Lehigh Valley Railroad Bridge over U.S.206)

PSE&G Branchburg to Pleasant Valley Segment of the Roseland to Pleasant Valley Transmission Line (ID#5785)

SHPO Opinion: 8/17/2020

(Extends from Branchburg Township in Somerset County to

Lambertville City in Hunterdon County)

Railsedge (Site 27) (ID#2525)

Amwell Road

SHPO Opinion: 6/23/1982

Raritan Bridge (Nevius Street Bridge) (SI&A #18E0801) (ID#2526)

Nevius Street over the Raritan River

NR: 11/12/1992 (NR Reference #: 92001526)

SR: 9/11/1992

(Metal Truss Bridges of Somerset County MPDF)

SOMERSET County, Raritan Borough

Raritan River Bridge (SI&A #1810170) (ID#2904)

US Route 206 over Raritan River SHPO Opinion: 4/18/1995

Also located in:

SOMERSET County, Somerville Borough

River Road Historic Rural District (ID#2558)

River Road from US Route 206 north to Hillsborough Road

NR: 3/21/1991 (NR Reference #: 91000256)

SR: 1/29/1991

See Main Entry / Filed Location:

SOMERSET County, Montgomery Township

South Branch Historic District (ID#2527)

River Road and Orchard Drive

NR: 12/13/1977 (NR Reference #: 77000908)

SR: 7/6/1976

Staats House (ID#2528)

Clerico Lane

SHPO Opinion: 6/23/1982

(Site 25 on list attached to 6/23/1982 letter in file.)

Cornelius Staats House (Site 279) (ID#2529)

SHPO Opinion: 6/23/1982

John P. Staats House (Site 278) (ID#2530)

SHPO Opinion: 6/23/1982

Suydam/Hall Workshop Archaeological Site (28-So-129) (ID#3983)

SHPO Opinion: 5/1/2002

Thomas P. Huff Farmstead (ID#5069)

94 Wertsville Road

SHPO Opinion: 5/5/2011

Van der Veer-Harris House (ID#4241)

344 US Hwy 206

NR: 3/12/2008 (NR Reference #: 08000181)

SR: 12/19/2007 COE: 4/25/2001

Joseph Van Doren House (ID#4600)

873-875 River Road

SHPO Opinion: 5/9/2006

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SOMERSET County

Weston Mill Archaeological Site (ID#5602)

SHPO Opinion: 11/30/2017

See Main Entry / Filed Location:

SOMERSET County, Franklin Township

Wood's Tavern Archaeological Site (ID#2531)

DOF: 2/12/1985

SHPO Opinion: 9/16/1983

Isaac Wyckoff (Singley) House (Site 280) (ID#2532)

Amwell Road

SHPO Opinion: 6/23/1982

Manville Borough

Bridge Street Bridge over Conrail (SI&A #1850167) (ID#4012)

Bridge Street over Conrail, Milepoint 56.66

SHPO Opinion: 6/7/2002

Delaware and Bound Brook (Reading) Railroad Historic District (ID#4540)

SHPO Opinion: 9/9/2005

See Main Entry / Filed Location:

MERCER County, Ewing Township

Delaware and Bound Brook (Reading) Railroad Historic District (ID#4540)

SHPO Opinion: 9/9/2005

See Main Entry / Filed Location:

MERCER County, Ewing Township

Lehigh Valley Railroad Historic District (ID#4154)

SHPO Opinion: 3/15/2002

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

Lehigh Valley Railroad Bridge (ID#3605)

Conrail over Raritan River SHPO Opinion: 7/30/1990

Also located in:

SOMERSET County, Bridgewater Township

Manville Municipal Building (ID#2905)

101 South Main Street

SHPO Opinion: 11/27/1995

Prehistoric Archaeological Site (28-So-109) (ID#3606)

SHPO Opinion: 7/30/1990

Reading Railroad Bridge (Eastern) (ID#3607)

Conrail over Raritan River SHPO Opinion: 7/30/1990

Also located in:

SOMERSET County, Bridgewater Township

Reading Railroad Bridge (Western) (ID#3608)

Conrail over Raritan River SHPO Opinion: 7/30/1990

Also located in:

SOMERSET County, Bridgewater Township

Water Tower Stone Foundation (ID#3609)

SHPO Opinion: 7/30/1990

Millstone Borough

Bachman-Wilson House (ID#4472)

1419 Main Street

SHPO Opinion: 8/10/2005

(Relocated to Bentonville, Arkansas)

Inch Lines Linear Multistate Historic District (ID#1914)

SHPO Opinion: 8/31/1993

(Extends through twelve municipalities in three counties.)

See Main Entry / Filed Location:

UNION County, Linden City

Millstone Historic District (ID#2533)

Ann, North River, South River, West and Main streets; Alley Way; and

Amwell Road

NR: 9/13/1976 (NR Reference #: 76001188)

SR: 10/4/1974

Millstone Causeway (SI&A #18G0505) (ID#3858)

Amwell Road over Millstone River SHPO Opinion: 4/30/1997

Montgomery Township

Anderson Property (ID#2534)

15 Dutchtown-Harlingen Road SHPO Opinion: 9/16/1983

Bedens Brook Bridge (Opossum Road Bridge) (SI&A #18E0801) (ID#2535)

Opossum Road, 0.1 mi. south of Orchard Road

NR: 2/17/1994 (NR Reference #: 94000010)

SR: 12/20/1993

SHPO Opinion: 6/23/1982

(Early Stone Arch Bridges of Somerset County MPDF)

Bedens Brook Road Bridge (ID#2536)

Beden's Brook Road, 0.1 mi. east of Province Line Road

NR: 2/18/1994 (NR Reference #: 94000011)

SR: 12/20/1993

(Early Stone Arch Bridges of Somerset County MPDF)

Belle Mead Railroad Station Complex (ID#4539)

US Route 206 and Reading Boulevard SHPO Opinion: 10/31/2005

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SOMERSET County

Blawenburg Historic District (ID#2538)

Georgetown-Franklin Turnpike (County Route 518) and Great Road (County Route 601)

NR: 12/7/1990 (NR Reference #: 88000632)

SR: 2/8/1988

Bridgepoint Historic District (ID#2539)

Mill, Bridgepoint and Dead Tree roads, and Mill Pond Stream

NR: 6/10/1975 (NR Reference #: 75001161)

SR: 5/8/1975

Burnt Hill Road Bridge (SI&A #18D0207) (ID#3799)

Burnt Hill Road over Rock Brook SHPO Opinion: 8/3/1990

(Bridge relocated approx. 800 downstream of original location.)

Cain Farmstead (ID#2540)

West side of U.S. Route 206, just south of Dutchtown-Harligen Road

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

Camp Meeting Road Bridge (SI&A # 1850160) (ID#4544)

Camp Meeting Road Bridge over CSX Trenton Line.

SHPO Opinion: 10/31/2005

Cornelius Ten Broeck House (ID#147)

62 Opossum Road

SHPO Opinion: 4/1/1999

Delaware and Bound Brook (Reading) Railroad Historic District (ID#4540)

SHPO Opinion: 9/9/2005

See Main Entry / Filed Location:

MERCER County, Ewing Township

Henry Drake House (ID#148)

377 Bridgepoint Road

SHPO Opinion: 4/1/1999

(Previous SHPO Opinion 6/23/82)

Dutchtown Historic District (ID#2542)

Dutchtown-Harlingen Road, Dutchtown-Zion Road, NJ Route 13

SHPO Opinion: 6/23/1982

Fox Brook Bridge SI&A # (EO306) (ID#2543)

Harlingen Road over a Tributary of Pike Run (a.k.a Fox Brook)

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

(Demolished, a.k.a. Harlingen Road Bridge)

Mettler-Garretson House (ID#2544)

US Route 206

SHPO Opinion: 6/23/1982

(Previously opinioned as P.W. Garrison House (Site 37))

Griggstown Historic District (ID#2496)

Canal Road

NR: 8/2/1984 (NR Reference #: 84002798)

SR: 6/21/1984

See Main Entry / Filed Location:

SOMERSET County, Franklin Township

Dirck Gulick House (ID#2545)

506 Belle Mead-Blawenburg Road (County Rte. 601) NR: 12/11/2003 (NR Reference #: 03001285)

SR: 10/28/2003 COE: 12/3/1990

Andrew Hageman House (Site 79) (ID#2546)

Belle Mead - Blawenburg Road SHPO Opinion: 6/23/1982

Samuel Hageman House (Site 70) (ID#2547)

Hollow Road

SHPO Opinion: 6/23/1982

Harlingen Reformed Church (ID#4244)

US Route 206 and Dutchtown-Harlingen Road

COE: 12/1/2003

Harlingen Historic District (ID#2548)

Roughly bounded by Harlingen-Dutchtown, Harlingen, and Rutland

roads, Maple Street SR: 6/3/2021

DOE: 7/5/1985

SHPO Opinion: 6/23/1982

COE: 7/18/2019

(a.k.a Harlingen Village)

Harlingen New School (ID#2549)

2152 US Route 206 DOE: 2/12/1985

SHPO Opinion: 9/16/1983

Hendrick Lane / Dr. Van Kirk House (Site 64) (ID#2550)

Bedens Brook and Province Line Road

SHPO Opinion: 6/23/1982

Hoagland House (Site 39) (ID#2551)

Dutchtown-Harligen Road, 0.2 mi. west of Holly Drive

SHPO Opinion: 6/23/1982

Houghton Farmstead [Site] (ID#2552)

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

Inch Lines Linear Multistate Historic District (ID#1914)

SHPO Opinion: 8/31/1993

(Extends through twelve municipalities in three counties.)

See Main Entry / Filed Location:

UNION County, Linden City

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SOMERSET County

Jacob Lane House (Site 54) (ID#2553)

County Route 518

SHPO Opinion: 6/23/1982

Widow Lane House (Site 238) (ID#2554)

Franklin Turnpike and Province Line Road

SHPO Opinion: 6/23/1982

Maplewood (John A. Voorhees House) (ID#376)

Burnt Hill Road at Rock Brook

NR: 8/24/2000 (NR Reference #: 00000960)

SR: 6/1/2000

SHPO Opinion: 10/22/1997 (Destroyed by fire 11/19/2011)

Wilson Mettler Farmstead (ID#2555)

US Route 206

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

Mount Zion African Methodist Episcopal (AME) Church (ID#2556)

189 Hollow Road

NR: 6/7/2021 (NR Reference #: SG100006611)

SR: 10/18/2018

SHPO Opinion: 6/23/1982

COE: 4/22/2016

(a.k.a Skillman AME Church; In SHPO Opinion Site #73)

New Jersey State Village for Epileptics Historic District (New Jersey Neuro-Psychiatric Institute) (ID#3450)

Burnt Hill, Rock Brook, Orchard and Skillman, Belle Mead-Blawenburg

roads

(Extensive Demolition; NOT ELIGIBLE as per SHPO Opinion 4/30/2012; D2012-221 (Original SHPO Opinion: 10/22/1997))

Province Line Road Bridge (SI&A #18C0104) (ID#3825)

Over Bedens Brook

SHPO Opinion: 3/4/1991

(Demolished)

Also located in:

MERCER County, Hopewell Borough

Reasoner-True House (ID#5858)

183 Hollow Road

COE: 4/20/2022

Reformed Dutch Church of Blawenburg (ID#2537)

424 County Route 518

NR: 9/5/1985 (NR Reference #: 85002004)

SR: 7/22/1985

River Road Historic Rural District (ID#2558)

River Road from US Route 206 north to Hillsborough Road

NR: 3/21/1991 (NR Reference #: 91000256)

SR: 1/29/1991

Also located in:

SOMERSET County, Hillsborough Township

Rock Brook Bridge (SI&A #18B0301) (ID#2559)

Long Hill Road at Dutchtown-Zion Road

NR: 2/18/1994 (NR Reference #: 94000012)

SR: 12/20/1993

(Early Stone Arch Bridges of Somerset County MPDF)

Schomp Hotel Site and Barn (Site 15p) (ID#2560)

Harlingen

DOE: 7/5/1985

SHPO Opinion: 9/16/1983

Skillman-Applegate Farmstead (ID#2561)

Cherry Valley Road DOE: 2/12/1985

SHPO Opinion: 9/16/1983

John B. Stryker Farmstead (ID#2563)

US Route 206 and Belle Mead-Griggstown Road

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

John "Tory" VanDike Farmstead (ID#2564)

US Route 206 opposite Rutland Road

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

Van Middlesworth House (Site 41) (ID#2565)

Dutchtown-Harlingen Road SHPO Opinion: 6/23/1982

Van Nuys House (Site 49) (ID#2566)

Harlingen Road

SHPO Opinion: 6/23/1982

Van Pelt House and Cemetery (Site 47) (ID#2567)

Blawenburg Road

SHPO Opinion: 6/23/1982

Abraham Voorhees House (Site 69) (ID#2568)

Hollow Road and County Route 518 SHPO Opinion: 6/23/1982

Judge Voorhees House (Site 507) (ID#2569)

County Route 518

SHPO Opinion: 6/23/1982

Lillian Voorhees House and Barn (Site 97) (ID#2570)

Province Line Road

SHPO Opinion: 6/23/1982

Voorhees-Vreeland Structure (ID#2571)

US Route 206

DOE: 2/12/1985

SHPO Opinion: 9/16/1983

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SOMERSET County

Washington Well Farm (ID#2572)

County Route 518 DOE: 2/12/1985

SHPO Opinion: 9/16/1983

Wyckoff-Stryker Farmstead (ID#3529)

88 Orchard Road

SHPO Opinion: 9/3/1986

(Previous SHPO Opinion 6/28/82 for Abraham Stryker House.)

North Plainfield Borough

First German Reformed Church (ID#4312)

43-45 Craig Place

SHPO Opinion: 9/7/2004

Geraud Avenue Bridge (SI&A # 18M0903) (ID#5914)

Geraud Avenue over Green Brook SHPO Opinion: 1/13/2022

Also located in:

UNION County, Plainfield City

Green Brook Park (ID#3551)

Between Parkview, Tappan, and Myrtle avenues (north) Myrtle Avenue and West Front Street (south) Clinton Avenue (west) and Brookside Plae (east)

NR: 5/14/2004 (NR Reference #: 04000437)

SR: 3/8/2004

SHPO Opinion: 6/20/2000

See Main Entry / Filed Location:

UNION County, Plainfield City

VanDerventer/Brunson House (ID#4249)

614 Greenbrook Road

NR: 10/27/2004 (NR Reference #: 04001191)

SR: 3/8/2004 COE: 5/14/1993

(a.k.a. Vermeule Mansion)

Washington Park Historic District (ID#2574)

Rockview Terrace; Park Place; Linden, Mercer, Myrtle, Orchard, Rockview, Sycamore, Washington and Willow avenues

NR: 4/9/1987 (NR Reference #: 87000603)

SR: 3/4/1987

Peapack and Gladstone Borough

Blairsden (ID#3732)

Highland Avenue

SHPO Opinion: 8/8/2000 COE: 6/14/1993

SOMERSET County, Far Hills Borough

County Route 512 Bridge (ID#5032)

County Route 512 over NJ Transit Gladstone Branch, MP 40.24

SHPO Opinion: 10/20/2010

Moses Craig Limekilns (ID#5411)

122 Main Street

NR: 4/11/2019 (NR Reference #: SG100003610)

SR: 10/29/2018 COE: 2/17/2015

(a.k.a. Peapack Limekilns)

Gladstone Branch of the Delaware, Lackawanna and Western (DL&W) Railroad Historic District (ID#5030)

NJ Transit Gladstone Line between Peapack and Gladstone Borough and Summit City

SHPO Opinion: 10/20/2010

Also located in:

MORRIS County, Long Hill Township SOMERSET County, Bernards Township SOMERSET County, Bernardsville Borough SOMERSET County, Far Hills Borough UNION County, Berkeley Heights Township UNION County, New Providence Borough UNION County, Summit City

Gladstone Railroad Station (ID#2577)

Main Street

NR: 6/22/1984 (NR Reference #: 84002792)

SR: 3/17/1984

SHPO Opinion: 9/1/1978

(Thematic Nomination of Operating Passenger Railroad

Stations [ID#5080])

Natirar Estate [Historic District] (ID#4089)

County Route 512 COE: 10/25/2002

Also located in:

SOMERSET County, Bedminster Township SOMERSET County, Far Hills Borough

North Branch Raritan River Bridge (ID#3447)

NJ Transit Gladstone Branch over North Branch Raritan River, Milepost 40.21

SHPO Opinion: 2/3/1999

(a.k.a. Hogback Bridge, Previous SHPO Opinion 4/14/97.

Demolished)

See Main Entry / Filed Location:

SOMERSET County, Far Hills Borough

Peapack Brook Rural Industrial Historic District (ID#3452)

Old Dutch and Peapack roads SHPO Opinion: 5/2/1997

See Main Entry / Filed Location:

SOMERSET County, Bedminster Township

Peapack Brook Bridge (ID#249)

NJ Transit Gladstone Line, Milepost 40.82 over Peapack Brook

SHPO Opinion: 2/3/1999

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SOMERSET County

Peapack Brook Bridge (ID#250)

NJ Transit Gladstone Line, Milepost 41.99 over Peapack Brook SHPO Opinion: 2/3/1999

Raritan Borough

Central Railroad of New Jersey Main Line Corridor Historic District (ID#3500)

Railroad right-of-way from Phillipsburg to Bayonne, including all associated features

DOE: 11/30/1995 SHPO Opinion: 7/19/1991

(Historic district extends through 29 municipalities in 5

counties)

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

D.R. Kinyon House (ID#3631)

810 Old York Road

SHPO Opinion: 8/14/2000

General John Frelinghuysen House (ID#2578)

Somerset Street and Wyckoff Avenue

NR: 3/4/1971 (NR Reference #: 71000513)

SR: 2/1/1971

J.S. Davenport House (ID#3634)

804 Old York Road

SHPO Opinion: 8/14/2000

Lyman Street Prehistoric archaeological site (28-So-127) (ID#3859)

SHPO Opinion: 8/27/2001

Raritan Water Power Canal Historic District (ID#3633)

SHPO Opinion: 8/27/2001 (Previous SHPO Opinion 7/14/00)

See Main Entry / Filed Location:

SOMERSET County, Bridgewater Township

Raritan Bridge (Nevius Street Bridge) (SI&A #18E0801) (ID#2526)

Nevius Street over the Raritan River

NR: 11/12/1992 (NR Reference #: 92001526)

SR: 9/11/1992

(Metal Truss Bridges of Somerset County MPDF)

See Main Entry / Filed Location:

SOMERSET County, Hillsborough Township

Raritan Railroad Station (ID#2579)

Between Anderson and Thompson streets

NR: 6/22/1984 (NR Reference #: 84002824)

SR: 3/17/1984

SHPO Opinion: 2/21/1979

(Thematic Nomination of Operating Passenger Railroad

Stations [ID#5080])

Relief Hose Company No. 2 Engine House (ID#3563)

16 Anderson Street

NR: 12/14/2000 (NR Reference #: 00001466)

SR: 10/18/2000 COE: 6/28/1999

Third Dutch Reformed Church (ID#4737)

10 West Somerset Street COE: 8/30/2007

Rocky Hill Borough

Rocky Hill Historic District (ID#2580)

Washington Street; Montgomery, Crescent, and Princeton avenues

NR: 7/8/1982 (NR Reference #: 82003304)

SR: 1/14/1982

Also located in:

SOMERSET County, Franklin Township

Somerville Borough

Central Railroad of New Jersey Main Line Corridor Historic District (ID#3500)

Railroad right-of-way from Phillipsburg to Bayonne, including all associated features

DOE: 11/30/1995

SHPO Opinion: 7/19/1991

(Historic district extends through 29 municipalities in 5

counties)

See Main Entry / Filed Location:

WARREN County, Phillipsburg Town

Old Dutch Parsonage (ID#2581)

65 Washington Place

NR: 1/25/1971 (NR Reference #: 71000514)

SR: 9/11/1970

Raritan River Bridge (SI&A #1810170) (ID#2904)

US Route 206 over Raritan River SHPO Opinion: 4/18/1995

See Main Entry / Filed Location:

SOMERSET County, Hillsborough Township

J. Harper Smith Mansion (ID#130)

228 Altamont Place

NR: 12/31/1998 (NR Reference #: 98001572)

SR: 11/24/1998

Somerville Motor Vehicle Inspection Station (ID#2586)

61 Central Avenue

SHPO Opinion: 6/9/1998

Somerset Court House Green (ID#2582)

Main Street between Grove and North Bridge streets NR: 9/7/1989 (NR Reference #: 89001216)

SR: 5/26/1989

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SOMERSET County

Somerville Railroad Station (ID#2583)

41 Veterans Memorial Drive SHPO Opinion: 2/21/1979

Daniel Robert House (ID#4400)

25 West End Avenue

NR: 3/5/2008 (NR Reference #: 08000137)

SR: 12/20/2007 COE: 2/8/2005

(a.k.a. Somerville Borough Hall)

Somerville Historic District (ID#3618)

Bridge, North Bridge, Mercer, Cliff, High, Mountain streets

SHPO Opinion: 5/20/1991

COE: 4/16/2009

(COE expands boundaries of Historic District to include

Somerville New Cemetery)

St. John's Church Complex (ID#4199)

154-158 West High Street

NR: 9/15/2003 (NR Reference #: 03000933)

SR: 5/30/2003 COE: 4/23/2001

Wallace House (ID#2584)

28 Washington Place

NR: 12/2/1970 (NR Reference #: 70000395)

SR: 9/11/1970

West End Hose Company Firehouse (ID#3690)

15 North Doughty Street

NR: 7/17/2002 (NR Reference #: 02000808)

SR: 5/29/2002 COE: 8/26/1999

South Bound Brook Borough

Reformed Church of Bound Brook (ID#4118)

24 Main Street

SHPO Opinion: 2/5/2003

Ruberoid Company Factory (ID#4165)

Canal and Main Street SHPO Opinion: 2/5/2003

(Demolished)

Abraham Staats House (ID#256)

17 Von Steuben Lane

NR: 12/4/2002 (NR Reference #: 02001483)

SR: 8/29/2002

SHPO Opinion: 12/5/1990

COE: 6/16/2000

Warren Township

Baker-Duderstadt Farm (ID#4262)

30 Dubois Road

NR: 11/26/2008 (NR Reference #: 08001109)

SR: 9/17/2008 COE: 7/19/2000

Kirch-Ford House (ID#2585)

1 Reinman Road

NR: 10/20/1988 (NR Reference #: 88002033)

SR: 9/15/1988

Mount Bethel Baptist Meetinghouse (ID#2588)

Mount Bethel and Mountainview roads

NR: 6/3/1976 (NR Reference #: 76001187)

SR: 12/22/1975

PSE&G Roseland to Branchburg Segment of the Roseland to Pleasant Valley Transmission Line (NHL, ID#5786)

SHPO Opinion: 8/14/2020

(Extends from Livingston Township in Essex County to

Branchburg Township in Somerset County)

Smalley/Wormser House (ID#2590)

84 Mountain Avenue

NR: 10/19/1978 (NR Reference #: 78001798)

SR: 4/27/1978

Watchung Borough

Harper, Hollingsworth and Darby Company Mill Complex (ID#5037)

27-33 Bonnie Burn Road SHPO Opinion: 1/5/2006

Mooney/Sockwell House (ID#5039)

80 New Providence Road SHPO Opinion: 1/5/2006

Mount Saint Mary Academy (ID#5166)

1645 Route 22 West SHPO Opinion: 5/3/2012

Public Service Electric and Gas (PSE&G) Company Northern Inner Ring Transmission Line (ID#5155)

SHPO Opinion: 12/31/2013

(Includes the Northern Inner Ring right of way from Metuchen Substation, through Roseland Substation, and on to Athenia Substation, Also includes right of way from Roseland Substation to West Orange Substation. Previous SHPO

Opinion: 5/3/2012.)

See Main Entry / Filed Location:

PASSAIC County, Clifton City

Spencer-Hollingsworth House (ID#5038)

1370 Johnston Drive SR: 3/1/2013

SHPO Opinion: 1/5/2006

APPENDIX F QUALIFICATIONS OF PREPARERS



Mario Iannelli PE

MANAGER OF LAND DEVELOPMENT SERVICES

• EDUCATION

MS • Geoenvironmental Engineering • New Jersey Institute of Technology • 2001

BS • Civil Engineering • New Jersey Institute of Technology, 1993

BS • Engineering Science • Upsala College • 1992

REGISTRATIONS

Professional Engineer • NJ

PROFESSIONAL EXPERIENCE

30 years

Steven Finch CWB

SENIOR WETLAND SCIENTIST

EDUCATION

BT • Wildlife Management • State University of New York at Cobleskill College • 2000

REGISTRATIONS

Certified Wetland Botanist

PROFESSIONAL EXPERIENCE

23 years

