

Dutch Neck Planning and Zoning Study

Adopted 01-18-24

Summary

The following planning and zoning report was prepared for the Dutch Neck hamlet. It is intended to supplement the 2020 Land Use Plan Element of the Master Plan as an appendix.

Township of West Windsor Mercer County, New Jersey



<u>Dutch Neck</u> Planning and Zoning Study

Township of West Windsor Mercer County, New Jersey

Prepared for the Township of West Windsor Planning Board

BA# 4028.05

The original document was appropriately signed and sealed on January 18, 2024 in accordance with Chapter 41 of Title 13 of the State Board of Professional Planners

Joseph H. Burgis, AICP, PP Professional Planner #2450 David Novak, AICP, PP Professional Planner #6269



Members of the Township of West Windsor Planning Board

Michael Karp, Class IV Chair
Curtis Hoberman, Class IV Vice Chair
Hemant Marathe, Class I Mayor
Sue Appelget, Class IV
Jyotika Bahree, Class II
Anis Baig, Class IV
Simon Pankove, Class IV
Allen Schectel, Class IV
Martin Whitfield, Class III
Robert Loverro, Alternate #1
Pankaj Patel, Alternate #2

Planning Board Attorney

Gerald Muller, Esq. Muller and Baillie, P.C.

Administrative Secretary

Lisa Komjati

Recording Secretary

Cindy Dziura

Manager, Division of Land Use
Samuel J. Surtees

Township Engineer Francis Guzik, PE, CME

Township Landscape Architect
Daniel Dobromilsky, LLA, PP, LTE

Township Planning Consultant

Joseph H. Burgis PP, AICP

David Novak PP, AICP Burgis Associates, Inc.

Contents

Executive Summary	1
Introduction	3
Section 1: Goal and Policies	5
Section 2: A Brief History	6
Section 3: Existing Development	8
Residential Development	11
Nonresidential Development	14
Section 4: Existing Zoning	17
Existing Zoning Overview	17
Permitted Uses	18
Conditional Uses	19
Bulk Requirements	20
Section 5: Zoning Analysis	21
Residential Zoning Analysis	21
Nonresidential Zoning Analysis	26
Section 6: Zoning Recommendations	28
R-20A District Rezoning	29
R-2B District (Proposed New Zoning District)	30
New Dutch Neck Hamlet Zoning District (Proposed New Zoning District)	32
R-30 District Rezoning	36
Appendices	37
Appendix A: Residential Zoning Analysis Tables	38
Appendix B: Nonresidential Zoning Analysis Tables	42
Annendix C: Manning	45

Tables

Table 1: Permitted Uses	18
Table 2: Conditional Uses	19
Table 3: Bulk Standards	20
Table 4: R-20A Zoning Analysis	24
Table 5: R-2 Zoning Analysis	25
Table 6: Proposed R-20A Rezoning	29
Table 7: Proposed R-2B District (New)	30
Table 8: Proposed R-2B District Standards	31
Table 9: Proposed Dutch Neck Hamlet District	32
Table 10: Proposed Dutch Neck Hamlet District Standards	33
Table 11: Proposed R-30 Rezoning	36
Table 12: R-20 Residential Zoning Analysis	38
Table 13: R-20A Residential Zoning Analysis	40
Table 14: R-30 Residential Zoning Analysis	40
Table 15: R-2 Residential Zoning Analysis	41
Table 16: Houses of Worship Zoning Analysis	42
Table 17: Educational Facilities	43
Table 18: West Windsor Volunteer Fire Company No. 1	43
Table 19: Veterans Park	44
Figures	
Figure 1: Distribution of Residential and Nonresidential Lots and Areas	10
Figure 2: Year of Single-Family Dwellings Construction	11
Figure 3: Lot Sizes	13
Figure 4: Residential Floor Areas	13
Figure 5: R-20 Residential Zoning Analysis	22

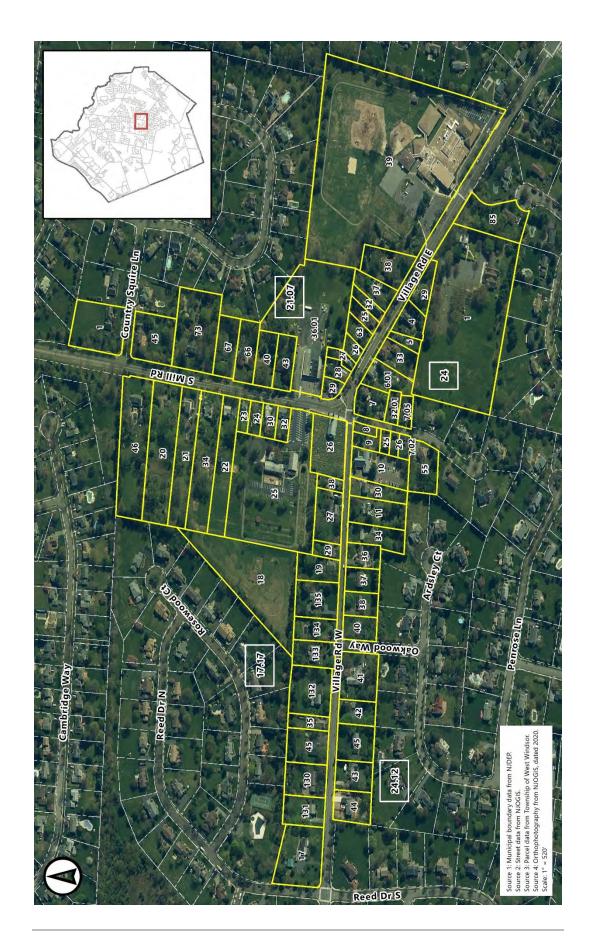
Table of Acronyms

Acronym	Meaning
CEB	Christian Education Building
FAR	Floor Area Ratio

Executive Summary

The following **2024 Dutch Neck Planning and Zoning Study** has been prepared pursuant to a recommendation of the Township's 2020 Land Use Plan Element of the Master Plan. The goal of this study is two-fold: to recognize and preserve the existing historic and unique development pattern of the Dutch Neck hamlet while also adequately addressing the reasonable expectations of homeowners in regard to modern home improvements. Accordingly, this study offers several zoning recommendations which are summarized as follows.

sumr	marized as follows.
Propo	osed R-20A District Rezoning
	Rezone the following properties from the R-2 District to the R-20A District: ID #26 and #27.
Propo	osed R-2B District (Proposed New Zoning District)
	Rezone the following properties from the R-2 District to a new R-2B District: ID #21, #22, #23, #24, #25, and #28.
	Maintain the R-2 District requirements already established for minimum lot area, minimum lot frontage, minimum lot width, minimum rear yard, maximum FAR, maximum improvement coverage, and maximum building height.
	Reduce the front yard setback requirement from 50 feet to approximately 30 feet.
	Reduce the side yard setback from 30 feet to approximately 15 feet.
	Establish pre-existing accessory apartments as a permitted use. It is not recommended that accessory apartments be established as a permitted use in the remainder of the proposed district.
Propo	osed Dutch Neck Hamlet District (Proposed New Zoning District
	Establish a new Dutch Neck Hamlet District for the core of Dutch Neck.
	Develop bulk standards which more accurately reflect the existing redevelopment development pattern of the area.
	Consider allowing for greater design flexibility to encourage property owners to retain their existing historic dwellings.
	Establish pre-existing two-family dwellings as a permitted use.
	Develop design standards to reflect the historic nature of the area.
	Establish houses of worship as a permitted use.
	Establish public and private schools and facilities owned by the West Windsor-Plainsboro Board of Education as a permitted use.
	Establish public and semi-public service facilities as a permitted use.
	Encourage additional buffering at the Board of Education Transportation Building.
	Consider traffic calming measures at the intersection of Village Road West, Village Road East, and South Mill Road.
	Encourage additional buffering and/or fencing between residential and nonresidential permitted and conditional uses.
Propo	osed R-30 District Rezoning
	Rezone Block 24 Lot 85 from the R-2 District to the R-30 District.
	Establish pre-existing two-family dwellings as a permitted use.



Introduction

Nestled near the intersections of South Mill Road and Village Roads East and West, the Dutch Neck hamlet is one of West Windsor's best-preserved neighborhoods. Its roots can be traced back to the mid-eighteenth century when it was settled by notable families such as the Voorhees, the Updikes, and the Perrines. Nearly two hundred and seventy-five years later, Dutch Neck remains a significantly important hamlet within the Township as it continues to feature dozens of buildings and structures from the eighteenth, nineteenth, and early twentieth centuries.

Nevertheless, this hamlet faces several planning and zoning challenges both old and new. Due in large part to its unique and storied history, the development pattern of Dutch Neck is varied. Residential lot sizes in the hamlet range anywhere from as small as approximately 5,000 square feet to as large as over 86,000 square feet. Likewise, buildings throughout Dutch Neck vary in their sizes, scales, architectural styles, and setbacks. This variability is further complicated by the existing zoning of the hamlet. Presently, properties within Dutch Neck are located in one of four zoning districts, each of which establish their own specific area and bulk requirements.

The unique nature of Dutch Neck and its resultant challenges are recognized by the Township's 2020 Land Use Plan Element of the Master Plan¹. The 2020 Plan ultimately created a new land use category for Dutch Neck and recommended the Township review the existing development pattern in the hamlet to determine whether any new zoning standards or zoning districts are necessary to reflect its existing development pattern more appropriately. In doing so, the intent of the 2020 Plan was two-fold: to recognize and preserve the existing historic and unique development pattern of Dutch Neck while also adequately addressing the reasonable expectations of homeowners in regard to modern home improvements.

Thus, the following **2024 Dutch Neck Planning and Zoning Study** is the next step in the realization of this recommendation. In summary, this study provides background data on the existing development pattern in the hamlet which, in turn, serves as the foundation for a series of zoning recommendations. Similar to the intent of the 2020 Plan, these recommendations seek a balanced approach to Dutch Neck, one which recognizes the unique historical nature of the community while also adequately addressing reasonable expectations of modern improvements.

It is recognized that the recommendations offered herein will not eliminate every nonconforming condition observed within Dutch Neck. Nevertheless, they are intended to better reflect the area's existing development pattern.

~ 3 ~

 $^{^{1} \}underline{\text{https://www.westwindsornj.org/images/MasterPlan/3442.22-Master-Plan-Element-Section-III-Land-Use-Plan-021220-Adopted.pdf}$

Accordingly, the 2024 Dutch Neck Planning and Zoning Study is organized as follows:

Section 1: Goal and Policies

First, Section 1 outlines the overarching goal and associated policies of the Township of West Windsor as they relate to Dutch Neck. These are intended to provide a framework in which future zoning recommendations and actions are considered.

Section 2: A Brief History of Dutch Neck

Relying largely upon the information provided by the Historical Society of West Windsor, Section 2 provides a brief history of the Dutch Neck hamlet.

Section 3: Existing Development Pattern

Section 3 provides an overview of the existing development pattern of the Dutch Neck area, including a discussion of its land uses, lot sizes, building sizes, setbacks, and architectural styles.

Section 4: Existing Zoning

Next, Section 4 provides a brief summary of the zoning districts which presently encompass the Dutch Neck community. These include the R-20 District, the R-20A District, the R-30 District, and the R-2 District.

Section 5: Zoning Analysis

Section 5 compares the hamlet's existing development pattern to its existing zoning. An analysis is provided as to how those zoning districts and their respective requirements match the hamlet's existing development pattern.

Section 6: Recommendations

Finally, Section 6 offers a series of zoning recommendations.

Section 1: Goal and Policies

The following goal and accompanying policies are intended guide future zoning recommendations and actions for the Dutch Neck community.

Goal:

To recognize and preserve the existing historic and unique development pattern of Dutch Neck while also adequately addressing the reasonable expectations of homeowners in regard to modern home improvements.

- Policy 1: Identify and protect historic resources through the use of creative land development techniques (i.e., flexible implementation of setbacks and buffers) and other methods as may be found effective and practical.
- Policy 2: Continue to use the local open space tax to preserve historic resources. In addition, pursue other State and County funding mechanisms and methods of acquisition and/or preservation as available and practical (i.e., conservation easements, private donations).
- Policy 3: Consider implementing design and siting standards, including but not limited to fencing and façade requirements, to protect and enhance the historic nature of Dutch Neck. Historic features should be preserved wherever possible, as they represent the community's heritage.
- Policy 4: Preserve and protect the residential character of Dutch Neck and restrict incompatible land uses, including but not limited to large scale shopping centers and office parks, from the established neighborhood.

Section 2: A Brief History

The following information is largely based upon the research and writings of the Historical Society of West Windsor and, in particular, their book entitled West Windsor: Then and Now, a New Perspective by Paul Ligeti. For additional information, see the Historical Society of West Windsor website.

Dutch Neck was first settled in the 1730s and 1740s following a land purchase by the area's first settlers, some of whom include the Voorhees, the Updike, and the Perrine families. The community was originally established along a route which linked Allentown to Princeton. The name of the hamlet, which eventually came into the local vernacular by the 1780s, is a combination of the national origin of its settlers and "the territory itself (such as 'neck of the woods).'"²

Over the next several decades, the community grew as other families – most of whom were of Dutch and English origin – settled in the area. The hamlet would play an important role in the formation of West Windsor, as a Dutch Neck inn owned by Jacob Bergen hosted the very first Township meeting on April 8, 1797 as well as many thereafter until the 1870s. This inn now stands at 212-214 South Mill Road and is presently utilized as a private residence.

The Dutch Neck Presbyterian Church (158 South Mill Road), which is one of the community's oldest structures, stands as the focal point of the historic Dutch Neck hamlet. The central portion of the church was constructed by the late eighteenth century as the Neck Meeting House. While proof exists that this portion of the church existed by 1784, it may have been constructed as early as the mid-eighteenth century. In 1882, the Dutch Neck Chapel (located at 505 Village Road West) was constructed across the street from the church. Today, the chapel is owned and utilized by the West Windsor-Plainsboro Regional School District Board of Education-Transportation Offices.

In the early nineteenth century, a general store and post office was constructed at the intersection of Village Road East and South Mill Road. The building was subsequently occupied by a variety of different commercial businesses and is now utilized as a private residence.

-

² https://www.westwindsorhistory.com/dutchneck.html

The Dutch Neck Schoolhouse, which was constructed sometime between 1849 and 1860, was a one-room (and later a two-room) schoolhouse which served the local youth of the hamlet. In 1917, this school was converted into a private residence and garage located at 516 Village Road West.

By 1875, Dutch Neck was described by the *Everts and Stewart Atlas of Mercer County* as "a thriving little village, pleasantly situated in the centre of a fine agricultural country. It contains one general store, a wheel-wright-shop, a blacksmithy, a hotel, a common school, and a Presbyterian church, with an estimated population of seventy-five."³

The community continued to develop thereafter, often serving as the center for municipal life in the Township. By 1891, an "election building" in Dutch Neck hosted regular Township meetings. By 1912, a dedicated town hall was constructed adjacent to the Bergen inn and lasted until approximately the mid-1970s. Dutch Neck School (392 Village Road East) was constructed in 1917 partly as a result of the country's turn of the century Progressive Movement. The West Windsor Fire Company No. 1 (153 South Mill Road) was founded in Dutch Neck in 1921, as well as the West Windsor Police Department in 1968.

By the 1980s, Dutch Neck began to transform as the community around it developed. These transformations include the construction of Beth Chaim Synagogue (329 Village Rd East) in 1976 – West Windsor's first non-Christian house of worship – as well as the construction of Windsor Chapel (401 Village Road East) and St. David the King Roman Catholic Church (1 New Village Road) in 1980 and 1991, respectively. In addition, beginning in the 1980s, large swaths of farmland surrounding Dutch Neck were developed with single-family residential neighborhoods including Princeton Oaks, Windsor Hunt, Hunter's Run, LeParc, and Dutch Neck Estates.

Today, Dutch Neck remains an important hamlet within the Township. It continues to feature dozens of structures from the eighteenth, nineteenth, and early twentieth centuries.

Through the Years

Year	Event
1730- 1740s	Dutch Neck Settled
By 1784	Dutch Neck Presbyterian Church formed
1797	First Township meeting held in Bergen's inn.
Early 1800	General store and post office constructed
1849- 1860	Dutch Neck Schoolhouse constructed
1882	Dutch Neck Chapel formed
By 1891	Election building constructed
1912	Town hall constructed
1917	Dutch Neck School constructed
1921	West Windsor Fire Company No. 1 founded
1968	West Windsor Police Department founded
1980	Windsor Chapel constructed
1980s	Development of new single- family subdivisions

³ https://www.westwindsorhistory.com/dutchneck.html

Section 3: Existing Development

Today, nearly two hundred and seventy-five years after its initial settlement, Dutch Neck is within the central portion of the Township near the intersections of Village Road West, Village Road East, and South Mill Roads. A locational map and an aerial map of the hamlet can be found in Appendix C.

Traveling southbound along South Mill Road from New Edinburgh Road, the Dutch Neck hamlet begins near the former's intersection with Country Squire Lane, by 128 South Mill Road. This entrance into the hamlet contains larger lots located along either side of South Mill Road. However, as one approaches the core of the hamlet, the development pattern comprising the two sides of the roadway begin to differ. There, the westerly side of South Mill Road features older dwellings on smaller lots, while its easterly side contains slightly larger lots with relatively newer dwellings.



Image 1: South Mill Road, looking south



Image 2: Example of Large Lot Development



Image 3: Westerly side of South Mill Road



Image 4: Easterly Side of South Mill Road

The historic nature of Dutch Neck becomes most apparent upon reaching its core, which is centered at the intersections of South Mill Road, Village Road West, and Village Road East. Here, the Dutch Neck Presbyterian Church stands as the focal point of the hamlet. Other nearby historic buildings include the former Dutch Neck Inn (212-214 South Mill Road), the former General Store and Post Office (420 Village Road East), and the former Dutch Neck Schoolhouse (516 Village Road East).







Image 6: Historic core of Dutch Neck (General Store and Post Office)

From its core, Dutch Neck extends outwardly along both Village Road East and Village Road West. Dutch Neck's historic character is more apparent along Village Road East with several historic dwellings – many of which were constructed between 1765 to 1850 – are situated on smaller lots in close proximity to the road's right-of-way.

Conversely, while several older dwellings are also located along Village Road West, the corridor gradually transitions to a relatively newer housing stock which was generally constructed between the 1950s and the 1970s.



Image 7: Historic dwellings along Village Road East



Image 8: Newer Dwelling along Village Road West

While the hamlet contains several large nonresidential properties, its look and feel nevertheless remains a predominantly residential one. This is evidenced by the number of parcels devoted to residential uses in the community. Of the seventy-two properties analyzed in this study, sixty-two are residential (including one property utilized as a pool for an adjoining dwelling). Altogether, these properties account for approximately 39.3 acres.

The remaining ten lots analyzed in this study are utilized for public and semi-public uses. Altogether, these nonresidential properties account for approximately 36.6 acres.

The existing residential and nonresidential development patterns of Dutch Neck are discussed in greater detail herein.

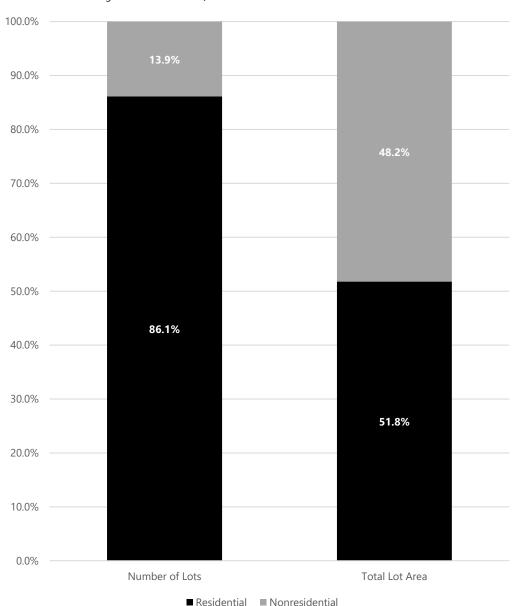


Figure 1: Distribution of Residential and Nonresidential Lots and Areas

Residential Development

Sixty-two properties in Dutch Neck (including one lot utilized solely for a pool) are residential. Of those, the majority consist of single-family dwellings. One property contains a single-family dwelling with an accessory apartment, while four are developed with two-family dwellings.

Due to the historic nature of Dutch Neck, the ages of houses vary greatly throughout the hamlet. The distribution of these ages are summarized in Figure 2 below. In summary, five dwellings were constructed in the eighteenth century, fifteen dwellings were constructed in the nineteenth century, thirty-nine dwellings were constructed in the twentieth century, and two were constructed during the twenty-first century. The oldest dwelling in the hamlet was constructed circa 1765, while the newest dwelling was constructed in 2010.

Older dwellings are generally located in close proximity to the core of the hamlet, near the intersections of South Mill Road, Village Road East, and Village Road West. The hamlet's newer dwellings are typically located further north and further west along South Mill Road and Village Road West, respectively. Map 3 in Appendix C further identifies the ages in which buildings throughout the hamlet were constructed.

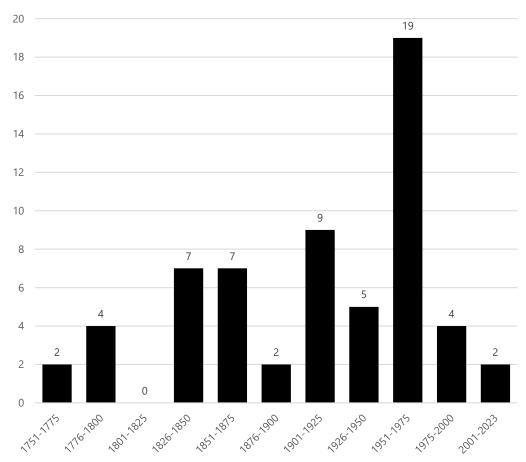


Figure 2: Year of Single-Family Dwellings Construction

Note: Does not include property developed with a pool

In addition to their ages, residential lot sizes also vary throughout Dutch Neck. While the hamlet has an average residential lot size of approximately 27,623 square feet, lot sizes range from as small as 5,001 square feet to as large as 86,248 square feet.

Generally, older dwellings are located on smaller lot sizes, while newer dwellings are located on larger lot sizes. Those dwellings constructed in the eighteenth century have an average lot size of 23,943 square feet, while those constructed in the nineteenth and twentieth centuries have average lot sizes of 27,229 square feet and 29,031 square feet, respectively. The two dwellings constructed in the twenty-first century have an average lot size of 16,141 square feet.

Both lot size and floor area data was collected from the Township's publicly available online Mod IV Tax Records.

To help better visualize this data, three types of figures have been provided: a bar chart to show their distribution; a box plot which identifies their median, upper and lower quartiles, minimum and maximum values, and outliers; and a scatter plot which compares their values to the years in which structures were constructed.

Similarly, residential floor areas throughout the hamlet vary as well. The average residential floor area in Dutch Neck is approximately 2,238 square feet. House sizes range anywhere from as small as 864 square feet to as large as 5,536 square feet. Unlike lot sizes, however, residential floor areas are not as strongly linked to the year the dwelling was constructed. Dwellings constructed in the eighteenth century have average floor areas of 2,112 square feet which is less than the average in the hamlet. However, those constructed in the nineteenth century have an average floor area of 2,477 square feet, while those constructed in the twentieth century have an average floor area of 2,165 square feet. The two dwellings in the twenty-first century have an average floor area of 2,188 square feet.

Architectural styles in Dutch Neck also vary. Several of the older dwellings in the hamlet exhibit Victorian, Victorian Gothic, and American Foursquare designs. Newer dwellings consist of ranches and larger colonial styles.

Figure 3: Lot Sizes

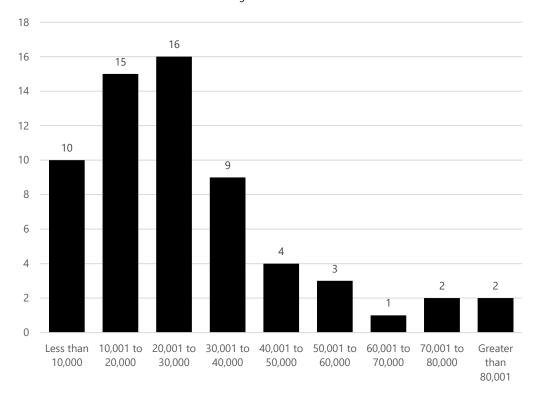
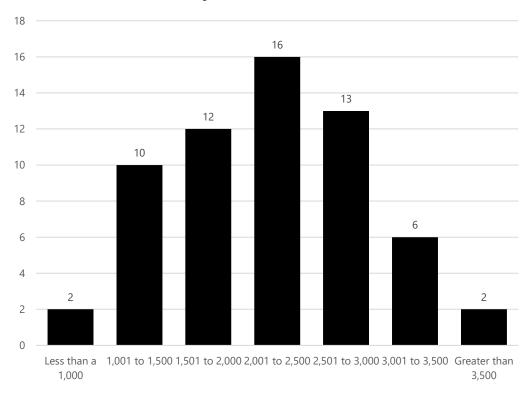


Figure 4: Residential Floor Areas



Nonresidential Development

While the majority of properties located in Dutch Neck are residential, there are nevertheless several significant properties in the hamlet which are utilized for nonresidential properties. Altogether, nonresidential properties comprise over thirty-six acres of land, which is slightly less than one-half of the total lot area in Dutch Neck.

These nonresidential uses are summarized below.

Houses of Worship

Four lots in the hamlet are owned by houses of worship.

ID #14: Dutch Neck Presbyterian Church (Block 17.17 Lot 26 | 158 South Mill Road)



The Dutch Neck Presbyterian Church stands as the focal point of the historic Dutch Neck hamlet. The central portion of the church was constructed by the late eighteenth century, although it may have been constructed as early as the mid-1700s. While tradition says that the central portion of the church incorporates the old Neck Meeting House, this has not yet been proven.

The present church was later organized in 1816 and originally had twenty-five members. Later additions to the church have covered some of the earliest graves. However, the church's cemetery still contains graves from before the American War of Independence, with the names of many of West Windsor's oldest families still legible on the gravestones.

ID #15: Dutch Neck Presbyterian Church Christian Education Building (CEB) (Block 17.17 Lot 25 | 154 South Mill Road)



The Dutch Neck Presbyterian Church's Christian Education Building (CEB), located on Lot 25, is located to the north and northwest of the Presbyterian Church. The building was completed in 1965. Today, it hosts the Dutch Neck Presbyterian Church Cooperative Nursery School as well as a variety of other programs, including nursery services, a Sunday School, and adult educational classes.

ID #16: Dutch Neck Presbyterian Church Cemetery (Block 17.17 Lot 18)

A cemetery owned by the Dutch Neck Presbyterian Church is situated to the westerly rear of the Dutch Neck Presbyterian Church CEB.

ID # 45: Windsor Chapel (Block 24 Lot 1 | 401 Village Road East)



Located near the easterly extent of the hamlet to the southwest of Dutch Neck School, Windsor Chapel occupies the former Hutchinson-Roszel-Kaplan Farm. The chapel itself is located in the rear portion of the site and incorporates a nineteenth century era barn into its structure. A Victorian Gothic house located toward the front of the property, which was likely constructed sometime in the late nineteenth century, is now utilized as offices for the chapel.

Educational Facilities

Two lots in the hamlet are utilized as educational facilities.

ID #43: Dutch Neck School (Block 21.07 Lot 39 | 392 Village Road East)



Located near the easterly extent of the hamlet to the northeast of Windsor Chapel, Dutch Neck School was constructed in 1917 partly as a result of the nationwide turn of the century Progressive Movement which "saw an explosion in the number of schools statewide, increased attendance, and standardization." The school, which replaced the Dutch Neck Schoolhouse, was constructed atop a Township-owned cemetery which was established in 1834 for

destitute and black residents. Some of these remains were later relocated to Hightstown's Cedar Hill cemetery.

Since its initial construction, the school has undergone several additions. These include: the construction of two rooms along the school's rear in 1927; the installation of a playground by 1929; the construction of six classrooms, two offices, two bathrooms, and an auditorium/gym in 1951; the construction of ten classrooms, a library, and a teacher's room in 1956; the construction of ten classrooms, a cafeteria, and a media center in 1975; the construction of four classrooms in 1986; and the construction of six classrooms in 2007. Nevertheless, while the school has undergone several additions, it remains the Township's oldest operating educational institution. As of 2024, Dutch Neck School provides classes from kindergarten to third grade.

⁴ https://www.westwindsorhistory.com/dutchneckschool.html

ID # 60: Board of Education Transportation Building, formerly Dutch Neck Chapel (Block 24 Lot 10 | 505 Village Road West)



The Board of Education Transportation
Building is located in the former Dutch
Neck Chapel, which dates back to 1882 and
was initially constructed by the Dutch Neck
Presbyterian Church to serve as a Sunday
School. It was expanded in 1909 when a
kitchen and library were added. In 1924, a
fourteen-foot balcony was constructed on
the front of the building. Finally, two wings
were constructed along its rear in 1938. In
1966, the building was converted into a

library. Since 1987, it has been owned and operated by the West Windsor-Plainsboro Regional School District Board of Education.

Public and Semi-Public Facilities

Finally, two lots in the hamlet are utilized for public semi-public uses.

ID #33: West Windsor Volunteer Fire Company No.1 (Block 21.07 Lot 36.01 | 153 South Mill Road)

Situated across the street from the Dutch Neck Presbyterian Church, this brick firehouse was constructed in 1952 and is owned by the members of the West Windsor Volunteer Fire Company No. 1.

ID #57-59: Dutch Neck Veterans Park (Block 24 Lots 8, 9, and 25)

The Dutch Neck Veterans Park is a mini-park located at the southwesterly corner of Village Road West and South Mill Road. It contains benches, walking paths, a veterans' memorial, and a kiosk. The park is also one of the featured stops on the West Windsor Historic Bike Tail and was at one time the home of the West Windsor Municipal Building and Police Station, which has since been demolished.





Section 4: Existing Zoning

The following section provides an overview of the R-20 District, the R-20A District, the R-30 District, and the R-2 District. In addition to describing the general locations of these districts (both throughout the Township and in Dutch Neck), it identifies their respective permitted uses, conditional uses, and bulk requirements.

Existing Zoning Overview

Properties within Dutch Neck are presently located in four different zoning districts: the R-20 District, the R-20A District, the R-30 District, and the R-2 District. These districts are summarized as follows. Map 4 in Appendix C provides a zoning map of Dutch Neck and its immediately surrounding environs.

The R-20 District

The R-20 District is primarily located in the central and northerly portions of the Township, with smaller portions of the district also located to the south of Old Trenton Road. For the most part, the areas of West Windsor located in the R-20 District are entirely developed with single-family dwellings. Within Dutch Neck, the R-20 District generally encapsulates those lots located along Village Road West, as well as several properties located along the terminus of South Mill Road and the residential properties fronting along Village Road East.

The R-20A District

The R-20A District is located in the west-central portion of the Township. For the most part, this district generally encapsulates the Hunter's Run development. Within Dutch Neck, the R-20A District also includes eight residential properties located along South Mill Road.

The R-30 District

The R-30 District is primarily located in the central portion of the Township. For the most part, the areas of West Windsor located in the R-30 District are entirely developed with single-family dwellings. Within Dutch Neck, the R-30 District encapsulates two properties: one near the southerly terminus of South Mill Road, and one near the intersection of Village Road West and Reed Drive North.

The R-2 District

The R-2 District is primarily located in smaller pockets along Village Road West, Penn Lyle Road, Edinburg Road, South Mill Road, South Lane, Quaker Road, Lower Harrison Street, and Alexander Road. Within Dutch Neck, the R-2 District encapsulates a portion of South Mill Road as well as a single residential lot along Village Road East. It also includes the Dutch Neck Presbyterian Church and Christian Education Building, the West Windsor Volunteer Fire Company No.1, Windsor Chapel, and Dutch Neck School.

Permitted Uses

The uses permitted in the R-20 District, the R-20A District, the R-30 District, and the R-2 District are summarized below. As shown, all four districts generally permit the same uses. The R-30 District additionally permits private, semipublic, or public golf and country clubs, while the R-2 District also permits veterinary clinics which were in existence as of January 1, 2000.

Table 1: Permitted Uses

Tuble 1. Fermitted Oses					
R-20 District	R-20A District	R-30 District	R-2 District		
Single-family dwellings	Single-family dwellings	Single-family dwellings	Single-family dwellings		
Home occupations	Home occupations	Home occupations	Home occupations		
Parks, playgrounds, athletic fields, recreation and community buildings	Parks, playgrounds, athletic fields, recreation and community buildings	Parks, playgrounds, athletic fields, recreation and community buildings	Parks, playgrounds, athletic fields, recreation, and community buildings		
Farms and agricultural activities					
Sale and processing of agricultural products					
Temporary construction buildings	Temporary construction buildings	Temporary construction buildings	Temporary construction buildings		
Accessory uses and buildings					
Community residences	Community residences	Community residences	Community residences		
Buildings owned and operated by West Windsor	Buildings owned and operated by West Windsor	Buildings owned and operated by West Windsor	Buildings owned and operated by West Windsor		
		Private, semipublic, or public golf clubs and country clubs	Veterinary clinics in existence of 1/1/2000		

Conditional Uses

Furthermore, the R-20 District, R-20A District, R-30 District, and the R-2 District permit a variety of conditional uses. By way of background, a conditional use is a use which is permitted in a zoning district provided that all of the conditions set forth for that use are satisfactorily met. If one or more conditions are not met, conditional use variance relief is required from the Zoning Board of Adjustment.

Generally, all three districts permit the same conditional uses. The R-2 District additionally establishes open space clusters and nursing homes, rest homes, and homes for the aged as conditionally permitted uses.

Table 2: Conditional Uses

R-2(Э Г	net	ric	т
1\-_\	$^{\prime}$	1131	.110	u

Houses of worship, parish houses, religious school buildings

Public and private elementary, junior, and senior high schools

Public

libraries/museums

Social clubs and various civic organizations

Water storage tanks or towers and related infrastructure

Substations, electric and gas facilities, and all other public utilities

Transmission lines, transmitting/receiving antennas and aerials

Child care centers, day camps, kindergartens, and preschools

Taking in of nontransient boarders or roomers by a family resident

R-20A District

Houses of worship, parish houses, religious school buildings

Public and private elementary, junior, and senior high schools

Public

libraries/museums

Social clubs and various civic organizations

Water storage tanks or towers and related infrastructure

Substations, electric and gas facilities, and all other public utilities

Transmission lines, transmitting/receiving antennas and aerials

Child care centers, day camps, kindergartens, and preschools

Taking in of nontransient boarders or roomers by a family resident

R-30 District

Houses of worship, parish houses, religious school buildings

Public and private elementary, junior, and senior high schools

Public

libraries/museums

Social clubs and various civic organizations

Water storage tanks or towers and related infrastructure

Substations, electric and gas facilities, and all other public utilities

Transmission lines, transmitting/receiving antennas and aerials

Child care centers, day camps, kindergartens, and preschools

Taking in of nontransient boarders or roomers by a family resident

R-2 District

Open space clusters

Houses of worship, parish houses, religious school buildings

Public and private elementary, junior, and senior high schools

Public

libraries/museums

Social clubs and various civic organizations

Water storage tanks or towers and related infrastructure

Substations, electric and gas facilities, and all other public utilities

Transmission lines, transmitting/receiving antennas and aerials

Child care centers, day camps, kindergartens, and preschools

Taking in of nontransient boarders or roomers by a family resident

Nursing homes, rest home, or home for the aged

Bulk Requirements

Finally, the following table summarizes the bulk requirements of the four different districts. As noted by the Township's 2020 Land Use Plan Element of the Master Plan, while the R-20 and R-20A Districts both require a minimum lot size of twenty thousand square feet, their setback requirements were designed to largely reflect the specific setback conditions of various neighborhoods which were developed during different periods.

In addition, the bulk standards for the R-2 District rely upon Section 200-161J. which in turn establishes separate floor area ratio (FAR), improvement coverage, and minimum yard regulations for lots with single-family dwellings in existence as of January 27, 2008. These are identified below.

Table 3: Bulk Standards

	R-20 District	R-20A District	R-30 District	R-2 District
Min. Lot Area (sf)	20,000	20,000	30,000	43,560
Min. Lot Frontage (ft)				85
Min. Lot Width (ft)	100	100	150	175
Min. Lot Depth (ft)				175
Min. Front Yard (ft)	40	30	40	50
Min. Rear Yard (ft)	30	30	30	30
Min. Side Yard (ft)	15	15	30	30
Max. Floor Area Ratio (FAR) (%)	13	13	13	15
Max. Improvement Coverage (%)	20	20	18	20
Max. Building Height (st/ft)	2.5/35	2.5/35	2.5/35	2.5/35

Section 5: Zoning Analysis

The following zoning analysis is offered for Dutch Neck.

Note that separate analyses and findings are offered for Dutch Neck's residential and nonresidential properties. Accompanying figures are also provided throughout this section which summarize the compliance of the hamlet's existing development pattern to the Township's zoning regulations. For Setback and coverage measurements are estimates based upon online mapping resources. Thus, they are not intended to be survey accurate.

more detailed information, see the tables in Appendix A and B. Mapping is also provided in Appendix C which provides visualizations of compliance and noncompliance.

Residential Zoning Analysis

As previously noted, the Dutch Neck hamlet is divided into four zoning districts which are discussed separately below.

The R-20 District

Of the forty-three residential properties located in the R-20 District, the greatest degrees of conformance are found in regard to use and rear yard setback requirements. Nearly all (forty-one) of the residential properties in this district are developed with a permitted use, while every property therein has a conforming rear yard setback.

Nevertheless, greater degrees of nonconformity exist in relation to the R-20 District's other requirements. These include the requirements established for minimum lot size, minimum lot width, minimum front yard setback, minimum side yard setback, maximum FAR, and maximum improvement coverage.

The maps contained in Appendix C demonstrate that nonconforming residential lots in the R-20 District are predominantly located in close proximity to the core of Dutch Neck, particularly along the terminus of South Mill Road and Village Road East. This is unsurprising, as these are typically the most historic properties in the hamlet and thus predate zoning regulations.

- Minimum Lot Size. Approximately 48.8% of residential lots were found to have a nonconforming lot size. While the average residential lot size is approximately 20,688 square feet (which is greater than the minimum lot size of 20,000 square feet required by the R-20 District), residential lot sizes range from 5,001 square feet to 44,213 square feet.
- ❖ Minimum Lot Width. Approximately 39.5% of residential lots were found to have a nonconforming lot width. While the average lot width is approximately 109 feet (which is greater than the minimum lot width of 100 feet required by the R-20 District), lot widths range from approximately 34 feet to 219 feet.

- Minimum Front Yard Setback. Approximately 46.5% of residential lots were found to have a nonconforming front yard setback. While the average front yard setback is approximately 40 feet (which complies to the minimum front yard setback of 40 feet required by the R-20 District), front yard setbacks range from approximately 0 feet to 88 feet.
- Minimum Side Yard Setback. Approximately 48.8% of residential lots were found to have at least one nonconforming side yard setback. While the average side yard setback is approximately 25 feet (which is greater than the minimum side yard setback of 15 feet required by the R-20 District), side yard setbacks range from approximately 0 feet to 142 feet.
- **★ Maximum FAR**. Approximately 44.1% of residential lots were found to have a nonconforming FAR. While the average FAR is approximately 12.9% (which is less than the maximum FAR of 13% permitted by the R-20 District), FARs range from approximately 4.1% to 43.2%.
- ❖ Maximum Improvement Coverage. Approximately 51.1% of residential lots were found to have a nonconforming improvement coverage. The average improvement coverage is approximately 24.4% (which is greater than the maximum improvement coverage of 20% permitted by the R-20 District). Improvement coverages range from 11.8% to 64.7%.

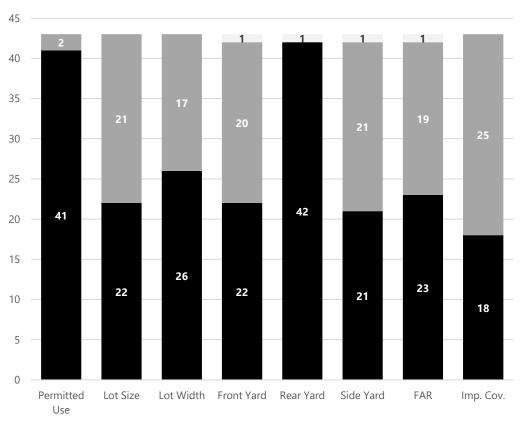


Figure 5: R-20 Residential Zoning Analysis

■ Not Conforming

Not Applicable

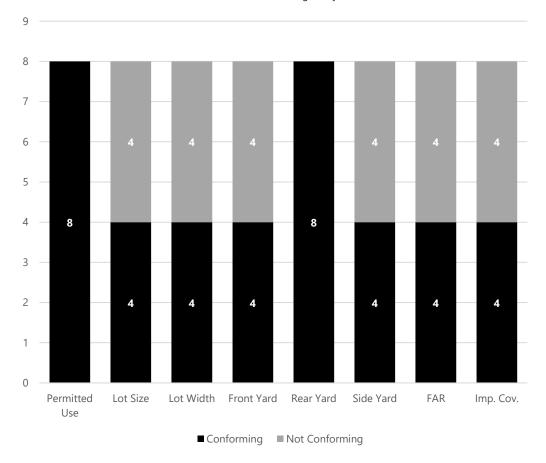
■ Conforming

The R-20A District

Each of the eight residential properties located in the R-20A District are developed with a permitted use and each have a conforming rear yard setback. However, residential properties located along the westerly side of South Mill Road are substantially more nonconforming to the standards of the R-20A District than those located along the easterly side of South Mill Road. Similar to the nonconforming residential properties in the R-20 District, these properties are generally older and predate zoning regulations.

- ❖ Minimum Lot Size. One-half (50.0%) of residential lots were found to have a nonconforming lot size. The average lot size is approximately 18,927 square feet (whereas the R-20A District requires a minimum lot size of 20,000 square feet). Lot sizes range from 10,201 square feet to 27,390 square feet.
- Minimum Lot Width. One-half (50.0%) of residential lots were found to have a nonconforming lot width. The average lot width is approximately 88 feet (whereas the R-20A District requires a minimum lot width of 100 feet). Lot widths range from 60 feet to 110 feet.
- Minimum Front Yard Setback. One-half (50.0%) of residential lots were found to have a nonconforming front yard setback. While the average front yard setback is approximately 48 feet (which exceeds the minimum front yard setback requirement of 40 feet established by the R-20A District), front yard setbacks range from approximately 16 feet to 80 feet.
- Minimum Side Yard Setback. One-half (50.0%) of residential lots were found to have at least one nonconforming side yard setback. While the average side yard setback is approximately 20 feet (which exceeds the minimum side yard setback requirement of 15 feet established by the R-20A District), side yard setbacks range from approximately 2 feet to 42 feet.
- ❖ Maximum FAR. One-half (50.0%) of residential lots were found to have a nonconforming FAR. While the average FAR is approximately 11.7% (which is less than the maximum FAR requirement of 13% permitted by the R-20 District), FARs range from approximately 4.5% to 19.1%.
- ❖ Maximum Improvement Coverage. One-half (50.0%) of residential lots were found to have a nonconforming improvement coverage. The average improvement coverage is approximately 20.7% (whereas the R-20A District permits a maximum improvement coverage of 20%). Improvement coverages range from approximately 12.6% to 33.7%.

Table 4: R-20A Zoning Analysis



The R-30 District

Two residential properties in the Dutch Neck study area are located the R-30 District, both of which are presently developed with two-family dwellings which are not permitted. One of these dwellings also has a nonconforming front yard setback of 29 feet, whereas the R-30 District requires a minimum front yard setback of 40 feet.

The R-2 District

Each residential property located in the R-2 District was found to have a conforming lot size, lot frontage, rear yard, and FAR. Nonconformities were found in use, lot depth, lot width, front yards, side yard, and improvement coverages. The following is noted:

- ❖ **Permitted Use**. One residential property (11.1%) contains an accessory apartment which is not permitted by the R-2 District.
- Minimum Lot Width. Two-thirds (66.6%) of residential lots were found to have a nonconforming lot width. The average lot width is approximately 149 feet (whereas the R-2 District requires a minimum lot width of 175 feet). Lot widths range from 90 feet to 230 feet.
- Minimum Lot Depth. One residential property (11.1%) was found to have a nonconforming lot depth.
- Minimum Front Yard Setback. Slightly more than one-half (55.5%) of residential lots were found to have a nonconforming front yard setback. While the average front yard setback is approximately 50 feet (which complies with the front yard setback requirement of 50 feet established by the R-2 District), front yard setbacks range from approximately 35 feet to 71 feet.
- Minimum Side Yard. Two-thirds (66.6%) of residential lots were found to have at least one nonconforming side yard setback. While the average side yard setback is approximately 40 feet (which exceeds the minimum side yard setback of 30 feet required by the R-2 District), side yard setbacks range from 8 feet to 104 feet.
- **❖ Maximum Improvement Coverage**. One residential property (11.1%) was found to have a nonconforming improvement coverage.

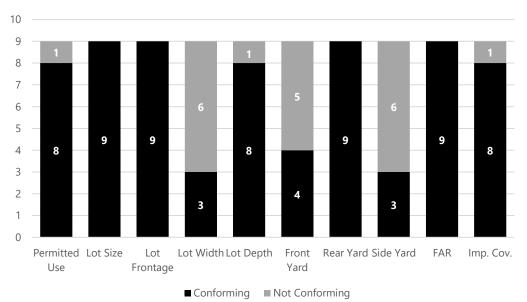


Table 5: R-2 Zoning Analysis

Nonresidential Zoning Analysis

As previously noted, the Dutch Neck area contains a variety of nonresidential uses, including houses of worship, educational facilities, and public and semi-public facilities. These are discussed below.

Houses of Worship

Four properties in Dutch Neck are owned by houses of worship. All four properties are located in the R-2 District which establishes the same conditional uses as the RR/C District which, in turn, identifies houses of worship as a conditional use.

In general, these properties comply with the conditional use standards set forth for houses of worship. However, the following is noted:

- Front Yard Setback. For houses of worship, Section 200-156B.(2)(b) of the Township's zoning regulations establishes that "no building or part thereof or any parking or loading area shall be located nearer than fifty feet to any street line or lot line." The Dutch Neck Presbyterian Church has a front yard setback of approximately 0 feet from South Mill Road and approximately 48 feet from Village Road West. Furthermore, while the Dutch Neck Presbyterian Church CEB is set back nearly 180 feet from South Mill Road, its parking area has an approximately 0 foot setback from South Mill Road.
 - Thus, neither the Dutch Neck Presbyterian Church nor the Dutch Neck Presbyterian CEB comply with this conditional requirement.
- ❖ Minimum Lot Area. Section 200-156B.(2)(d) further identifies that "the minimum lot area for a house of worship shall be 3 ⅓ acres." The Dutch Neck Presbyterian Church is situated on a property with an area of approximately 1.9 acres. Thus, it does not meet this conditional requirement.

Educational Facilities

Two educational facilities are located in Dutch Neck: Dutch Neck School and the Board of Education Transportation Building (Dutch Neck Chapel). Dutch Neck School is located in the R-2 District while the Board of Education Transportation Building is located in the R-20 District. Nevertheless, both districts establish public and private elementary, junior, and senior high schools as conditional uses subject to the similar conditions set forth for houses of worship.

These properties generally comply with the conditional use standards set forth for educational facilities. However, neither Dutch Neck School nor the Board of Education Transportation Building comply with section 200-156B.(2)(b) of the Township's zoning regulations which establishes that "no building or part thereof or any parking or loading area shall be located nearer than fifty feet to any street line or lot line." The parking area of Dutch Neck School is setback approximately 11 feet from Village Road East, while the Board of Education Transportation Building has a front yard setback of approximately 18 feet.

Public and Semi-Public Facilities

Two public/semi-public facilities are located in Dutch Neck: the West Windsor Volunteer Fire House and Dutch Neck Veterans Park. The following is noted:

❖ The West Windsor Volunteer Fire Company No.1. The West Windsor Volunteer Fire Company No. 1 is located in both the R-20A District and the R-2 District. Both zoning districts establish "building structures and uses owned and operated by the Township of West Windsor" as a permitted use. While the West Windsor Volunteer Fire Company No. 1 building is technically owned by the West Windsor Volunteer Fire Company, a planning review memorandum for an application filed in 2008 identified the use as permitted.

Overall, the West Windsor Volunteer Fire Company No. 1 complies to the zoning standards of both the R-20A District and the R-2 District. Nevertheless, the property has three nonconforming conditions. These include: a side yard setback of 19 feet (whereas the R-2 District establishes a side yard setback requirement of 30 feet); a maximum improvement coverage of approximately 30.8% (whereas both the R-20A District and the R-2 District establish a maximum improvement coverage of 20%); and a height of 37 feet (whereas both the R-20A District and the R-2 District establish a maximum linear height dimension of 35 feet).

Dutch Neck Veterans Park. Dutch Neck Veterans Park is comprised of three separate lots and is located entirely in the R-20 District which establishes "building structures and uses owned and operated by the Township of West Windsor" as a permitted use. Nevertheless, none of the lots which comprise Dutch Neck Park have a conforming lot size nor a conforming lot width.

Section 6: Zoning Recommendations

Based upon the analysis provided in Section 5 of this report, the following zoning recommendations are offered. These are discussed in greater detail hereafter.

Prop	posed R-20A District Rezoning
	Rezone ID #26 and ID #27 the R-2 District to the R-20A District.
<u>Prop</u>	posed R-2B District (Proposed New Zoning District)
	Rezone the following properties from the R-2 District to a new R-2B District: ID #21, #22, #23, #24, #25, and #28.
	Maintain the R-2 District requirements already established for minimum lot area, minimum lot frontage, minimum lot width, minimum rear yard, maximum FAR, maximum improvement coverage, and maximum building height.
	Reduce the front yard setback requirement from 50 feet to approximately 30 feet. Reduce the side yard setback from 30 feet to approximately 15 feet.
	Establish pre-existing accessory apartments as a permitted use. It is not recommended that accessory apartments be established as a permitted use in the remainder of the proposed district.
Prop	posed Dutch Neck Hamlet District (Proposed New Zoning District)
	Rezone the following properties to a new Dutch Neck Hamlet District: ID #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60
	Develop bulk standards which more accurately reflect the existing redevelopment development pattern of the area.
	Consider allowing for greater design flexibility to encourage property owners to retain their existing historic dwellings.
	Establish pre-existing two-family dwellings as a permitted use.
	Develop design standards to reflect the historic nature of the area.
	Establish houses of worship as a permitted use.
	Establish public and private schools and facilities owned by the West Windsor-Plainsboro Board of Education as a permitted use.
	Establish public and semi-public service facilities as a permitted use.
	Encourage additional buffering at the Board of Education Transportation Building.
	Consider traffic calming measures at the intersection of Village Road West, Village Road East, and South Mill Road.
	Encourage additional buffering and/or fencing between residential and nonresidential permitted and conditional uses.
Prop	posed R-30 District Rezoning
	Rezone Block 24 Lot 85 (ID #44) from the R-2 District to the R-30 District.
	Establish pre-existing two-family dwellings as a permitted use.

R-20A District Rezoning



Two properties near the northerly extent of Dutch Neck are located in the Hunter's Run development. These properties are identified in the following table.

Table 6: Proposed R-20A Rezoning

ID	Block	Lot	Address	Zone	Use
26	21.23	1	1 Country Squire Lane	R-2	Residential: Single-Family
27	21.18	45	2 Country Squire Lane	R-2	Residential: Single-Family

While the remainder of the Hunter's Run development is primarily located in the R-20A District, these two properties are nevertheless located in the R-2 District. Therefore, in order to encourage a more uniform and continuous zoning design in the area, it is recommended that both Block 21.23 Lot 1 and Block 21.18 Lot 45 be rezoned from the R-2 District to the R-20A District.

No additional recommendations are offered for the use or bulk requirements of the R-20A District.

Summary of Recommendations

- □ Rezone the following properties from the R-2 District to the R-20A District: ID #26 and #27.
- \square No use recommendations are proposed.
- □ No bulk recommendations are proposed.

R-2B District (Proposed New Zoning District)



Six properties located along South Mill Road in the northerly extent of Dutch Neck are presently located in the R-2 District. These properties are identified in the following table:

Table 7: Proposed R-2B District (New)

ID	Block	Lot	Address	Zone	Use
21	17.17	22	138 South Mill Road	R-2	Residential: Single-Family
22	17.17	34	136 South Mill Road	R-2	Residential: Single-Family
23	17.17	21	134 South Mill Road	R-2	Residential: Single-Family
24	17.17	20	132 South Mill Road	R-2	Residential: Single-Family
25	17.17	46	128 South Mill Road	R-2	Residential: Single-Family
28	21.07	73	131 South Mill Road	R-2	Residential: Single-Family/apartment

Several of these properties – specifically, those along the westerly side of South Mill Road – are presently nonconforming to the R-2 District's requirements for lot width, front yard setback, and side yard setback. Furthermore, Block 21.07 Lot 73 (ID #27) presently contains a bungalow and an accessory apartment which is not permitted by the R-2 District.

Therefore, it is recommended that these properties be placed in a new R-2B Residence District. It is envisioned that this district would largely establish the same bulk standards of the R-2 District, with the exceptions of a reduced front yard setback requirement (approximately 30 feet, as opposed to 50 feet required by the R-2 District) and a reduced side yard setback requirement (approximately 15 feet, as opposed to 30 feet required by the R-2 District).

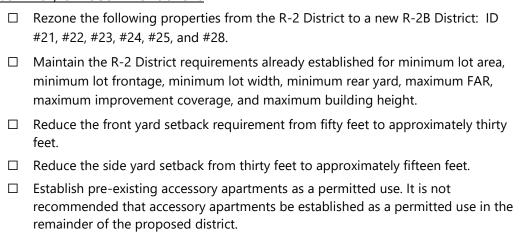
The following table summarizes the draft standards of the R-2B District. These are predominantly based on the averages (both mean and median) observed for residential properties in this area.

Table 8: Proposed R-2B District Standards

	Proposed Standards	Existing Mean	Existing Median
Min. Lot Area (sf)	43,560	73,179	74,133
Min. Lot Frontage (ft)	85	143	137
Min. Lot Width (ft)	175	143	137
Min. Lot Depth (ft)	175	546	583
Min. Front Yard (ft)	30	53	50
Min. Rear Yard (ft)	30	95	83
Min. Side Yard (ft)	15	42	38
Max. Floor Area Ratio (%) ¹	15	4.8	15.0
Max. Improvement Coverage (%) ²	20	12.0	11.6
Max. Building Height (st/ft)	2.5/35		

Furthermore, it is recommended that the list of permitted uses for the proposed R-2B District largely mirror those uses which are already permitted in the R-2 District. To reflect the existing development pattern on 131 South Mill Road, it is recommended that pre-existing accessory apartments be identified as a permitted use. It is not recommended that accessory apartments be permitted on other properties in the proposed R-2B District.

<u>Summary of Recommendations</u>





New Dutch Neck Hamlet Zoning District (Proposed New Zoning District)

As previously noted, the historic nature of Dutch Neck is most apparent in its core, which is centered at the intersections of South Mill Road, Village Road West, and Village Road East. It is also within this area where a number of nonconforming properties exist, including several residential properties which do not conform to the various requirements of the R-20 District, R-20A District, and the R-30 District.

Furthermore, this area also contains the hamlet's nonresidential uses. These include the Dutch Neck Presbyterian Church, the Dutch Neck Presbyterian Church CEB, the Dutch Neck Presbyterian Church cemetery, Windsor Chapel, Dutch Neck School, the Board of Education Transportation Building (Dutch Neck Chapel), the West Windsor Fire Volunteer Company No. 1, and Dutch Neck Veteran's Park.

Table 9: Proposed Dutch Neck Hamlet District

Block	Lot	Address	Zone	Use
17.17	19	516 Village Road West	R-20	Residential: Single-Family
17.17	29	514 Village Road West	R-20	Residential: Single-Family
17.17	27		R-20	Residential: Single-Family
17.17	38		R-20	Residential: Single-Family
17.17	26	158 South Mill Road	R-2	House of Worship
17.17	25	Mill Road	R-2	House of Worship
17.17	18	Village Road	R-2	House of Worship
17.17	32	150 South Mill Road	R-20A	Residential: Single-Family
17.17	30	146 South Mill Road	R-20A	Residential: Single-Family
17.17	24	142 South Mill Road	R-20A	Residential: Single-Family
17.17	23	140 South Mill Road	R-20A	Residential: Single-Family
21.07	36.01	153 South Mill Road	R-20A/R-2	Public
21.07	29	420 Village Road East	R-20	Residential: Single-Family
21.07	28		R-20	Residential: Single-Family
21.07	27		R-20	Residential: Single-Family
21.07	26	414 Village Road East	R-20	Residential: Two-Family
21.07	63	412A Village Road East	R-20	Residential: Single-Family
21.07	25	412 Village Road East	R-20	Residential: Single-Family
21.07	32		R-20	Residential: Single-Family
21.07	37		R-20	Residential: Single-Family
21.07	38	406 Village Road East	R-20	Residential: Single-Family
21.07	39	392 Village Road East	R-2	Public School
	17.17 17.17 17.17 17.17 17.17 17.17 17.17 17.17 17.17 17.17 17.17 21.07 21.07 21.07 21.07 21.07 21.07 21.07 21.07	17.17 19 17.17 29 17.17 27 17.17 38 17.17 26 17.17 25 17.17 18 17.17 30 17.17 24 17.17 23 21.07 36.01 21.07 29 21.07 27 21.07 26 21.07 25 21.07 32 21.07 37 21.07 38	17.17 19 516 Village Road West 17.17 29 514 Village Road West 17.17 27 510 Village Road West 17.17 38 508 Village Road West 17.17 26 158 South Mill Road 17.17 25 Mill Road 17.17 18 Village Road 17.17 32 150 South Mill Road 17.17 30 146 South Mill Road 17.17 24 142 South Mill Road 17.17 23 140 South Mill Road 21.07 36.01 153 South Mill Road 21.07 29 420 Village Road East 21.07 28 418 Village Road East 21.07 28 418 Village Road East 21.07 26 414 Village Road East 21.07 26 414 Village Road East 21.07 25 412 Village Road East 21.07 32 410 Village Road East 21.07 37 408 Village Road East 21.07 38	17.17 19 516 Village Road West R-20 17.17 29 514 Village Road West R-20 17.17 27 510 Village Road West R-20 17.17 38 508 Village Road West R-20 17.17 26 158 South Mill Road R-2 17.17 25 Mill Road R-2 17.17 18 Village Road R-2 17.17 32 150 South Mill Road R-20A 17.17 30 146 South Mill Road R-20A 17.17 24 142 South Mill Road R-20A 17.17 23 140 South Mill Road R-20A 21.07 36.01 153 South Mill Road R-20A 21.07 29 420 Village Road East R-20A 21.07 29 420 Village Road East R-20 21.07 28 418 Village Road East R-20 21.07 26 414 Village Road East R-20 21.07 25 412 Village Road East

ID	Block	Lot	Address	Zone	Use
45	24	1	401 Village Road East	R-2	House of Worship
46	24	29	407 Village Road East	R-20	Residential: Single-Family
47	24	4	409 Village Road East	R-20	Residential: Single-Family
48	24	5	411 Village Road East	R-20	Residential: Single-Family
49	24	33	413 Village Road East	R-20	Residential: Single-Family
50	24	6.01	415 Village Road East	R-20	Residential: Single-Family
51	24	7	419 Village Road East	R-20	Residential: Single-Family
52	24	32.01	209 South Mill Road	R-20	Residential: Single-Family
53	24	7.05	211 South Mill Road	R-20	Residential: Single-Family
54	24	55	216-218 South Mill Road	R-30	Residential: Two-Family
55	24	7.02	212-214 South Mill Road	R-20	Residential: Two-Family
56	24	26	210 South Mill Road	R-20	Residential: Single-Family
<i>57</i>	24	25	South Mill Road	R-20	Public
58	24	8	501 Village Road West	R-20	Public
59	24	9	Village Road	R-20	Public
60	24	10	505 Village Road West	R-20	Public School Property

Therefore, in consideration of the unique and historical nature of this area, it is recommended that these properties be placed in a new Dutch Neck Hamlet District. It is envisioned that the residential bulk standards of this district would more closely align to the area's existing residential development pattern. Accordingly, the following draft standards are proposed. These are predominantly based on the averages (both mean and median) observed for single-family residential properties in this area.

Table 10: Proposed Dutch Neck Hamlet District Standards

	Proposed Standards	Existing Mean	Existing Median
Min. Lot Area (sf)	12,000	15,188	11,900
Min. Lot Width (ft)	75	97.6	73
Min. Front Yard (ft) ³	20	26.9	20.5
Min. Rear Yard (ft)	30	88.5	83.0
Min. Side Yard (ft)	10	22.9	15.0
Max. Floor Area Ratio (%) ¹	20	15.0	15.3
Max. Improvement Coverage (%) ²	30	28.0	25.8
Max. Building Height (st/ft)	2.5/35		

¹ For dwellings which exist as of the date of the enactment of this ordinance; for new dwellings, 13% ² For dwellings which exist as of the date of the enactment of a new ordinance; for new dwellings, 20%

In addition to establishing a minimum lot area requirement, it is recommended that the Township also consider establishing a maximum lot area requirement to ensure that any future development in the area is consistent with the existing development pattern. Furthermore, due to the variability of lot sizes and dimensions in the area, the Township may also consider regulating rear yard setbacks as a percentage of lot depth.

³ There shall be a front yard setback 20 feet; provided, however, a building constructed on an existing platted lot in single ownership need not be set back any further than the average of the existing setback on each of its abutting lots. In the event that one or both abutting lots are vacant, then for the purposes of administering this provision, the lots shall be construed as having an existing setback of 20 feet.

It is recommended that the provisions of any future Dutch Neck Hamlet District allow for greater design flexibility while also encouraging property owners to retain their existing historic dwellings. One such means to do so is to establish a maximum FAR and improvement coverage of 20% and 30% for existing dwellings, respectively. For new dwellings, a maximum FAR and improvement coverage of 13% and 20% is recommended, respectively. Furthermore, the Township should consider allowing for a more flexible front yard setback requirement which would allow property owners to average the setbacks of abutting properties.

Furthermore, it is recommended that the list of permitted uses for the proposed Dutch Neck Hamlet Zoning District largely mirror those uses which are already permitted in the R-2 District and the R-20 District. It is also recommended that the Dutch Neck Hamlet District establish preexisting two-family dwellings as a permitted use.

In regard to the area's nonresidential uses, it is recommended that houses of worship, public and private schools, and facilities owned and operated by the West Windsor-Plainsboro Board of Education be identified as permitted uses rather than as conditional uses. It is further recommended that public and semi-public services facilities inclusive of firehouses also be identified as a permitted use. For reference, public or semi-public facility is one which provides basic health and safety services to the general public. Examples of public or semi-public facilities include, but are not limited to, police stations, fire stations, public health facilities, and emergency operation centers.

Design standards should also be considered to ensure that any future improvements or development are reflective of the historic nature of the hamlet while still granting homeowners flexibility to improve and update their homes. Design standards may be general in scope, and may include standards pertaining to roof shapes, windows, facade materials, fencing, and ornamentation.

Furthermore, the following specific recommendations are offered:

- ❖ Board of Education Transportation Building. As previously noted, the former Dutch Neck Chapel (which dates back to 1882) has been owned and operated by the West Windsor-Plainsboro Regional School District Board of Education since 1987. While this represents a productive adaptive reutilization of a historic building, it is nevertheless recommended that additional buffering be provided at this site in order to mitigate the potential negative impacts on adjoining residential properties.
- ❖ Traffic Calming. Within Dutch Neck and as of the date of this study, the speed limit of Village Road West is 35 miles per hour, while the speed limits of South Mill Road and Village Road East are both 25 miles per hour. The intersection of these three roadways consists of a grassy island which Village Road East approaches following a bend in the road, thus slightly obscuring sight visibility. Moreover, Dutch Neck Park which is one of the featured stops on the West Windsor Historic Bike Tail is located in close proximity to this intersection. In consideration of such, it is recommended that the Township consider traffic

calming measures in this area to better improve pedestrian and bicycle safety. Traffic calming measures need not necessarily be physical improvements. Signage, for example, is a low-cost method to alert or inform motorists of changing traffic patterns. The Township should also consider conducting a traffic analysis of this intersection and submitting a report of its findings to Mercer County.

❖ Windsor Chapel. Windsor Chapel is occasionally utilized as an overflow parking area for events taking place at Dutch Neck Elementary School. When used for such, vehicles may park in the westerly undeveloped portion of the property. However, due to a lack of landscaping and fencing in the area, these vehicles occasionally inadvertently park within the backyards of private residences located along South Mill Road. It is recommended that the West Windsor-Plainsboro Regional School District consult with Windsor Chapel regarding the feasibility of installing buffering and/or fencing along the property line abutting the residential homes.

<u>Summary of Recommendations</u>

Rezone the following properties to a new Dutch Neck Hamlet District: ID #10, #11, #12, #13, #14, #15, #16, #17, #18, #19, #20, #33, #34, #35, #36, #37, #38, #39, #40, #41, #42, #43, #45, #46, #47, #48, #49, #50, #51, #52, #53, #54, #55, #56, #57, #58, #59, #60
Develop bulk standards which more accurately reflect the existing redevelopment development pattern of the area.
Consider allowing for greater design flexibility to encourage property owners to retain their existing historic dwellings.
Establish pre-existing two-family dwellings as a permitted use.
Establish houses of worship as a permitted use.
Establish public and private schools and facilities owned by the West Windsor-Plainsboro Board of Education as a permitted use.
Establish public and semi-public service facilities as a permitted use.
Encourage additional buffering at the Board of Education Transportation Building.
Consider traffic calming measures at the intersection of Village Road West, Village Road East, and South Mill Road.
Encourage additional buffering and/or fencing between residential and nonresidential permitted and conditional uses.

R-30 District Rezoning



A single property located to the east of Windsor Chapel is located in the Dutch Neck Estates neighborhood. This property is identified in the following table.

Table 11: Proposed R-30 Rezoning

ID	Block	Lot	Address	Zone	Use
44	24	85	4 Pinewood Court	R-2	Residential: Single-Family

While the remainder of the Dutch Neck Estates neighborhood is located in the R-30 District, this property is nevertheless located in the R-2 District. Therefore, in order to encourage a more uniform and continuous zoning design in the area, it is recommended that Block 24 Lot 85 be rezoned from the R-2 District to the R-30 District.

Furthermore, ID #1 (534 Village Road West) is a historic pre-existing two-family dwelling. Thus, it is recommended that pre-existing two-family dwellings be established as a permitted use in the R-30 District. This would also recognize the pre-existing two-family dwellings outside of the Dutch Neck hamlet which are located at 3 Compton Lane and 249 Cranbury Road.

No additional recommendations are offered for the bulk requirements of the R-30 District.

<u>Summary of Recommendations</u>

- ☐ Rezone Block 24 Lot 85 (ID #43) from the R-2 District to the R-30 District.
- ☐ Establish pre-existing two-family dwellings as a permitted use.
- □ No bulk recommendations are proposed.

Appendices

Appendix A: Residential Zoning Analysis Tables

Table 12: R-20 Residential Zoning Analysis

			Lot	Lot		Rear	Side		¹ lmp.
Map ID	Address	Use	Size	Width	Front Yard	Yard	Yard	FAR	Cov.
	Required Conditions	SF	20,000	100	40	30	15	13	20
2	536 Village Road West	SF	27,443	125	50	115	30	7.9%	19.2%
3	534 Village Road West	SF	30,056	138	49	105	25	6.6%	25.9%
4	532 Village Road West	SF	30,056	138	48	103	17	6.9%	21.8%
5	530 Village Road West	SF	13,068	60	20	150	11	17.0%	29.6%
6	528 Village Road West	SF	44,213	218	52	101	39	6.0%	11.9%
7	524 Village Road West	SF	24,969	110	71	85	25	10.0%	16.7%
8	522 Village Road West	Pool	22,699	100	n/a	n/a	n/a	n/a	7.5%
9	520 Village Road West	SF	32,670	150	81	75	25	6.7%	24.8%
10	516 Village Road West	SF	23,566	92	21	155	13	5.4%	18.4%
11	514 Village Road West	SF	10,454	66	29	83	0	15.0%	22.2%
12	510 Village Road West	SF	33,062	219	25	80	54	6.4%	12.2%
13	508 Village Road West	SF	8,250	50	27	93	2	13.4%	28.5%
34	420 Village Road East	SF	276	166	0	75	0	26.9%	64.7%
35	418 Village Road East	SF	10,019	60	10	77	12	20.2%	48.1%
36	416 Village Road East	SF	7,841	45	13	193	5	18.1%	19.6%
37	414 Village Road East	2F	7,405	67	16	41	10	37.7%	43.7%
38	412A Village Road East	SF	12,197	86	43	63	8	15.5%	20.0%
39	412 Village Road East	SF	11,761	60	28	66	2	14.8%	33.9%
40	410 Village Road East	SF	12,550	49	27	115	3	11.0%	27.7%
41	408 Village Road East	SF	30,492	161	48	85	27	9.7%	21.8%
42	406 Village Road East	SF	36,590	178	88	96	28	4.1%	17.5%
46	407 Village Road East	SF	16,988	196	20	43	28	13.2%	23.0%
47	409 Village Road East	SF	18,295	163	20	57	43	16.4%	36.8%
48	411 Village Road East	SF	8,712	34	18	99	8	20.9%	33.3%
49	413 Village Road East	SF	22,651	106	20	150	15	13.7%	23.3%
50	415 Village Road East	SF	22,477	133	18	201	32	13.3%	23.1%
51	419 Village Road East	SF	21,863	136	23	108	9	9.1%	20.2%
52	209 South Mill Road	SF	9,583	74	59	32	10	21.8%	25.4%
53	211 South Mill Road	SF	8,760	72	52	50	12	16.3%	30.0%

			Lot	Lot		Rear	Side		¹lmp.
Map ID	Address	Use	Size	Width	Front Yard	Yard	Yard	FAR	Cov.
55	212-214 South Mill Road	2F	5,602	57	0	60	6	43.3%	36.3%
56	210 South Mill Road	SF	5,001	50	0	83	10	19.2%	35.8%
61	507 Village Road West	SF	20,473	77	69	202	12	8.8%	24.5%
62	509 Village Road West	SF	34,412	110	69	193	24	8.3%	17.6%
63	511 Village Road West	SF	27,007	57	68	201	17	4.7%	18.0%
64	513 Village Road West	SF	19,998	100	55	87	10	14.4%	29.7%
65	517 Village Road West	SF	19,998	100	60	71	18	11.4%	17.6%
66	519 Village Road West	SF	19,998	100	69	90	16	4.3%	12.1%
67	521 Village Road West	SF	19,998	100	26	65	22	6.2%	12.9%
68	525 Village Road West	SF	43,198	200	40	64	64	7.6%	19.6%
69	529 Village Road West	SF	21,601	100	70	82	5	7.1%	19.4%
70	531 Village Road West	SF	32,182	149	83	82	33	7.3%	16.3%
71	533 Village Road West	SF	26,998	125	63	83	10	9.3%	19.7%
72	535 Village Road West	SF	26,136	126	44	90	20	5.5%	20.7%
	Average		20,688	109	40	98	25	12.9	24.4
	Minimum	5,001	34	0	32	0	4.1	7.5	
	Maximum		44,213	219	88	202	142	43.2	64.7

¹ Imp Cov.: Impervious Coverage

Table 13: R-20A Residential Zoning Analysis

			Lot	Lot		Rear	Side		¹lmp.
Map ID	Address	Use	Size	Width	Front Yard	Yard	Yard	FAR	Cov.
	Required Conditions	SF	20,000	100	30	30	15	13	20
17	150 South Mill Road	SF	11,900	70	18	90	12	18.7	28.8
18	146 South Mill Road	SF	13,599	80	16	82	15	15.0	26.2
19	142 South Mill Road	SF	11,900	70	20	64	8	19.1	33.7
20	140 South Mill Road	SF	10,201	60	20	85	2	16.5	20.3
29	135 South Mill Road	SF	26,619	110	73	118	20	6.8	12.6
30	137 South Mill Road	SF	27,390	110	80	127	15	7.0	15.4
31	141 South Mill Road	SF	24,898	100	77	105	15	4.5	15.5
32	145 South Mill Road	SF	24,903	100	77	116	10	6.0	13.3
	Average		18,927	88	48	95	20	11.7	20.7
	Minimum		10,201	60	16	64	2	4.5	12.6
	Maximum		27,390	110	80	127	42	19.1	33.7

Table 14: R-30 Residential Zoning Analysis

			Lot	Lot		Rear	Side		¹ lmp.
Map ID	Address	Use	Size	Width	Front Yard	Yard	Yard	FAR	Cov.
	Required Conditions	SF	30,000	100	40	30	30	13	18
1	534 Village Road West	2F	57,063	225	80	90	50	5.4	13.15
54	216-218 South Mill Road	2F	32,670	165	29	60	120	8.8	14.4
	Average	67,298.5	155.5	155.5	459.0	51.5	356.2	39.5	5.1
	Minimum	43,560.0	90.0	90.0	194.0	35.0	165.0	8.0	2.4
	Maximum	86,248.8	230.0	230.0	613.0	71.0	496.0	104.0	7.1

¹ Imp Cov.: Impervious Coverage

¹ Imp Cov.: Impervious Coverage

Table 15: R-2 Residential Zoning Analysis

			Lot	Lot	Lot	Lot		Rear	Side		¹ lmp.
Map ID		Use	Size	Frontage	Width	Depth	Front Yard	Yard	Yard	FAR	Cov.
	Required Conditions	SF	43,560	85	175	175	50	30	30	15	17
21	138 South Mill Road	SF	55,168	90	90	589	42	496	10	4.6	10.9
22	136 South Mill Road	SF	73,559	120	120	613	43	470	26	3.7	9.8
23	134 South Mill Road	SF	63,140	103	103	613	46	475	8	4.9	12.2
24	132 South Mill Road	SF	86,248	162	162	582	53	459	32	2.4	5.9
25	128 South Mill Road	SF	86,248	154	154	584	71	404	21	6.4	18.0
26	1 Country Squire Lane	SF	55,756	195	195	200	60	165	8	5.7	9.6
27	2 Country Squire Lane	SF	43,560	190	190	194	35	170	45	7.1	12.0
28	131 South Mill Road	SF/A	74,705	230	230	328	62	211	71	6.3	14.8
	Average Minimum		67,298.5	155.5	155.5	459.0	51.5	<i>356.2</i>	39.5	5.1	11.6
			43,560.0	90.0	90.0	194.0	35.0	165.0	8.0	2.4	5.9
	Maximum		86,248.8	230.0	230.0	613.0	71.0	496.0	104.0	7.1	18.0

Note: Red shading indicates noncompliance with District requirement ¹ Imp Cov.: Impervious Coverage

Appendix B: Nonresidential Zoning Analysis Tables

Table 16: Houses of Worship Zoning Analysis

			Block 17.17	
Do avissos anto	Dutch Neck	Dutch Neck Presbyterian Church – CEB	Lot 18	Window Chanal
Requirements	Presbyterian Church	CEB	Cemetery	Windsor Chapel
The location of access driveways, landscaping and site plan design are compatible with the neighborhood in which it is to be located.	Conforming	Conforming	Not applicable	Conforming
No building or part thereof or any parking or loading area shall be located nearer than 50 feet to any street line or lot line	Not conforming: 0 feet	Not conforming: 0 feet	Not applicable	Conforming: 67 feet
A parish house, rectory, or parsonage shall conform to the requirements for a single-family dwelling.	Not applicable	Not applicable	Not applicable	Complies
The minimum lot area shall be 3 ⅓ acres	Not conforming:	Conforming:	Conforming:	Conforming:
	1.9 acres	5.0 acres	3.4 acres	7.0 acres
The maximum FAR for any such use shall	Conforming:	Conforming:	Not Applicable	Conforming:
be 13%	4.3%	4.6%		4.0%
The maximum improvement coverage	Conforming:	Conforming:	Not applicable	Conforming:
(MIC) for any such use shall be 40%	4.3%	30.5%		15.9%
A child-care center shall be considered an accessory and may be combined with this conditional use; however, the combined FAR and MIC of this conditional use and any child care shall not exceed the limits set above. In addition, any child-care use shall meet the requirements provided in Subsection B(9)	Not applicable	Not applicable	Not applicable	Conforming

Table 17: Educational Facilities

Requirements	Dutch Neck School	Board of Education Building (Dutch Neck Chapel)
The location of access driveways, landscaping and site plan design are compatible with the neighborhood in which it is to be located.	Conforming	Conforming
No building or part thereof or any parking or loading area shall be located nearer than 50 feet to any street line or lot line	Not conforming: 0 feet	Not conforming: 0 feet
Minimum lot sizes as established by the New Jersey State Department of Education for school facilities.	Conforming	Conforming

Table 18: West Windsor Volunteer Fire Company No. 1

Requirements	R-20A District	R-2 District	Existing Conditions
Min. Lot Area (sf)	20,000	43,560	172,933.2
Min. Lot Frontage (ft)		85	187.4
Min. Lot Width (ft)	100	175	187.4
Min. Lot Depth (ft)		175	552.0
Min. Front Yard (ft)	30	50	73.0
Min. Rear Yard (ft)	30	30	340.0
Min. Side Yard (ft)	15	30	19.0
Max. Floor Area Ratio (%)	13	15	7.7
Max. Improvement Coverage (%)	20	20	30.8
Max. building height (st/ft)	2.5/35	2.5/35	> 2.5/37

Table 19: Veterans Park

Requirements	R-20 District	ID 55	ID 56	ID 57
Min. Lot Area (sf)	20,000	5,000.6	5,998.2	5,749.9
Min. Lot Width (ft)	100	No	40.0	25.0
Min. Front Yard (ft)	40			
Min. Rear Yard (ft)	30			
Min. Side Yard (ft)	15			
Max. Floor Area Ratio (%)	13			
Max. Improvement Coverage (%)	20			
Max. building height (st/ft)	2.5/35			

Appendix C: Mapping

- Map 1 Location Map
- Map 2 Aerial Map
- Map 3 Year Constructed
- Map 4 Zoning Map
- Map 5 Use Analysis
- Map 6 Lot Size Analysis
- Map 7 Lot Frontage Analysis
- Map 8 Lot Width Analysis
- Map 9 Lot Depth Analysis
- Map 10 Front Yard Setback Analysis
- Map 11 Rear Yard Setback Analysis
- Map 12 Side Yard Setback Analysis
- Map 13 FAR Analysis
- Map 14 Improvement Coverage Analysis
- Map 15 Proposed Rezoning Map

