



SUFFIELD GARDEN CLUB 10-YEAR PLANTING PLAN - Historic Main Street September 2022

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September 2022

10-Year Phased Planting Plan for Historic Main Street and Greens

Suffield CT

(East side of road: 309 Mapleton Ave to 472 South Main St. West side of road: 603 N. Main to 451 South Main St.)

*Coordinated by the Suffield Garden Club. Inc.
funded by the Suffield Greater Together Community Fund through
the Hartford Foundation for Public Giving*

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Phase Planting Plan for Historic Main Street Suffield CT

INTRODUCTION, METHODOLOGY

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Introduction

The 10-year Planting Plan for Historic Main Street and Greens coordinated by the Suffield Garden Club, Inc. (the Club) and funded by the Suffield Greater Together Community Fund, through the Hartford Foundation for Public Giving, is intended to provide a flexible plan for replenishing and enhancing the tree canopy along the majority of Suffield, CT's Historic Main Street¹, including High Street and the Town Greens. Based in a GIS platform, it will allow for updating by the town and the Club, and for public viewing on smart devices.

Suffield's center is at the junction of Route 168 (Mountain Rd) Route 75 (North and South Main Street) and Bridge Street intersection. The Greens (there are four) are at this junction and are a central feature of civic activity in the town. North and South Main Streets have an impressive wide right of way lined by historic homes and stately old trees. Sidewalks run on both sides creating a linear greenway for exercise and relaxation. Most days you will find people jogging, walking briskly, strolling and pushing carriages.

A village district is at the center of this route and further enhances both the pedestrian and vehicular experience. This area has several important designations:

- 1963- Suffield Historic District was established
- 1979- Suffield National Register District was listed with The National Register of Historic Places (NRHP)
- 2001- designated a Scenic Highway by the State of Connecticut
- Town Center Village District Zone

Abbreviated History of Suffield Garden Club and Trees in Suffield²:

“The objectives of the Suffield Garden Club are to stimulate the knowledge and love of gardening and the art of flower arranging; to aid in the protection of trees, plants and birds; to encourage civic beautification; and to instill a respect for the environment. “

- 1939: The Club planted at the town library. Many tree varieties were planted along town streets. Mapleton Avenue got its name from the maple trees planted there.
- 1940: The Club developed and began a plan to enhance Main Street with a display of dogwood trees. This tradition continues with The Garden Club and Tree Committee contributing funds for new trees. The Club continues to plant, monitor and maintain the trees.
- 1961: A Town fund was created in the name of Helena Bailey Spencer, a past president of the Club, “for the planting and care of shade trees” along highways within the town of Suffield.
- 1984: Through a bequest to the Club by another former Club president, Valyn Gallivan, the Club began providing every 4th grader in the town with a sapling to plant where they chose. The Club's Memorial Fund continues the tradition annually in celebration of Arbor Day.

¹ Eastside: 603 North Street to 472 South Main Street and Westside: from 309 Mapleton Ave to 451 South Main Street, including High Street and the Town Greens.

² With input from Sue Mayne, past president Suffield Garden Club

Abbreviated History of Suffield Garden Club and Trees in Suffield continued

- 1984: A second town fund was set up by Valyn Gallivan through the Hartford Foundation for Public Giving for a program “to provide shade trees for planting along the roadways and streets of the Town of Suffield”.
- 1990’s: Plaques were placed on trees along main streets and the Greens to educate the public about the diversity of the existing trees.
- 2010 & 2011: Severe storms damaged a significant number of trees requiring their removal creating a visible reminder of the need for revitalizing tree assets and the Club took notice.
- 2013: The club received an Amiel P. Zak Fund grant to take a tree inventory, create a tree selection and planting guide, and develop a tree removal, replacement and maintenance plan. Six hundred and four trees were surveyed by volunteers.

2014-2020: With the help of the survey information the Club has made efforts to increase tree planting and maintenance, planting 80 new trees. During that time approximately 95 trees have been removed.)

- 2018: The Garden Club received several grants totaling \$14,304 through the Hartford Foundation for Public Giving, and two funds established in part by long time Club members, Thea Coburn and Astrid Hanzalek to prune, treat disease and provide root care for 50 young trees planted over the last 15 years.
- 2019: The Club received a \$2,000 grant from the Deupree Family Foundation in honor of longtime member Nikki Deupree for the planting of 4 trees on the Town Greens.
- 2020: An updated inventory in a GIS platform by SavATree, was conducted with additional funding received by the Club from the Amiel P. Zak fund , providing public access to the Historic Main Street Tree Survey through <https://arcg.is/1SW9nD1>.
- 2021 The Club received a \$5,000 grant from The Suffield Greater Together Community Fund, through the Hartford Foundation for Public Giving, to develop a 10-Year Planting Plan for Historic Main Street.

In addition: The Suffield Garden Club President holds an ex officio position on The Suffield Tree Committee which makes recommendations for use of the funds from the Helena Bailey Spencer Tree Fund and the Valyn Gallivan Tree Fund for the planting and care of shade trees along roadways and streets in Suffield.

- 2022 The Suffield Tree Committee, the Town of Suffield, and the Suffield Garden Club working together established the [Trees for Suffield Initiative](#). This initiative is a way to provide residents a tree canopy for generations to come.

Site Assessment and Tree Selection

Site Assessment

The site length was walked several times to:

- Map overhead wires along with pole locations and pole numbers (pole numbers are required for planting permits in the CTDOT applications)
- Visually establish potential locations for new trees
- Review estimated tree form and type
- Visually inventory the locations of trees listed in poor condition for replacement options, using the data from the 2020 SavATree
- Additional information was gathered from Eversource and the town (rights of ways and waterlines) in pdf format and used as a general guide
- A new GIS base was developed in QGIS from open sources : openstreetmap for base street map information, koordinates.com for Suffield Parcel Maps (property lines, street addresses), and State of Connecticut 2019 Aerial images and road information (<https://portal.ct.gov/DEEP/GIS-and-Maps/Maps/Maps-and-GIS-Data>), SavATree provided a shape file for the 2020 updated inventory.

Tree Selection

Three key criteria were considered when choosing trees

- 1) Ensure public assets and safety are protected and considered
 - 2) Enhance the historic and design context of Historic Main Street
 - 3) Maximize environmental context
-
- 1) **Ensure public assets and safety are protected and considered:** Historic Main Street is not only an historic, economic and social place it is the conduit for a network of essential public assets including main electrical lines, waterlines, sewer lines and an intersection of state highways and greens. Consideration was given to these from a variety of perspectives.

Utilities: The distances for planting trees from overhead wires recommended by Eversource (Appendix-Plan Before You Plant) are depicted on the printed maps at approximately 15' and 30' for Main Street lines. All lines inventoried are assumed to be power. Both electric and other underground assets were not provided in GIS format, so a best effort was drawn between the PDF maps supplied and available GIS maps.

Tree roots can create problems with sewer and waterlines. Guidelines vary considerably based on geography. The City of Stamford, CT³ requires a minimum of two feet from a water gas or electric line, while the City of Seattle⁴ requires a five-foot minimum. Depth of these assets also varies by region, regardless of stated depths, planting trees directly over deeply located lines should be avoided for safety. Thus in 1977 the State of Connecticut established Public Act 77-350 codified as Connecticut General Statutes §16-345, et. seq., creating a mandatory statewide one-call system. **Call Before You Dig** is a critical component of tree placement and planting safety.

Sidewalks: Sidewalks are a strategic and major investment by the town along this popular pedestrian corridor. The Town of Suffield 2010 Plan of Conservation and Development Map 14, Existing and Potential Sidewalks and Bike Trails shows Historic Main Street corridor as the backbone to a wide network of potentials sidewalks and bike paths. Tree roots can heave sidewalks, and low branches can interfere with pedestrian travel. However, given the wide width of the planting area this should not be an issue along most of the route but was considered. Any tree planted should ideally be 5' away from the walk. There are various types of hardscape protection barriers that direct roots away from traveling directly under sidewalks and creating safety hazards caused by heaved sidewalks. These would be highly recommended when planting close to sidewalks, or other hardscapes.

Vehicular sight lines: The majority of the route is relatively level with moderate curves. Sight line calculations were estimates only, due to lack of actual survey information. CTDOT indicated that 3 roads along the route could be of concern: Mapleton Ave., Russell Ave and Kent Rd. There are many driveway curb cuts along this road and standard practice suggests that trees should be planted a minimum of 15 feet from the road curb and 10 feet off a driveway. These estimates are shown on maps in the section titled: 10-Year Phased Planting Plan-Sightline Estimates. Sight lines were calculated using CDOT-Highway Design Manual⁵. CTDOT has jurisdiction over the right of way and permits must be completed before trees can be planted, conditions will change over the 10 year planting period and sightlines will need to be evaluated at time of planting.

Right: When planning the replacement for this removed tree, consideration was given to the powerlines crossing the street to the home on the left, and the drainage structure in the right of way. (Photo B. Yaeger)



³ Street Tree Planting Manual. City of Stamford, 4/27/202

Available:<https://www.stamfordct.gov/home/showpublisheddocument/5608/637550408914800000>

⁴ Seattle Department of Transportation Street Tree Manual 12/2014 Available at <https://www.seattle.gov/Documents/Departments/SDOT/About/DocumentLibrary/StreetTreeManualWEB.pdf>

⁵CDOT-Highway Design Manual 2003 Edition (REV.06/2020) Chapter 11 , Section 11-2.0 Intersection Sight Distance Available at <https://portal.ct.gov/-/media/DOT/documents/dpublications/highway/coverpdf.pdf>

Additional guidelines: There are guidelines for vegetative management on Connecticut Scenic Historic Roads⁶ that are acknowledged in the process. Several tree guides were referenced for recommendations relating to tree durability, utilities and soils including the **UConn Urban Tree Selection Manual**⁷ and Cornell's **Recommended Urban Trees: Site Assessment and Tree Selection for Street Tolerance**⁸. From a 'Street Tree' planning perspective Suffield's Historic Main Street is not a typical planting area, given the very wide verdant right of way. This is an opportunity for the town to create a tree management manual more applicable to its character.

2) Enhance the historic and design context of Historic Main Street

Context refers to harmonious weaving together of new elements to the existing surrounding environment and community for a seamless characteristic appearance.

Historic Context: Although landscaping is not regulated in Historic Districts it is a critical piece of the Historic Main Street in Suffield's visual appeal. When driving and walking down the streets the view of the homes adds immense appeal. A series of questions was considered for the tree placement and selection near historic homes:

- Would the placement for new trees be consistent or harmonious with the existing trees in the immediate planting area in terms of relative size, form and rhythm?
- Does the placement and tree species follow historic design ideas? Guidance from **Every House a Garden: A Guide for Reproducing Period Gardens**⁹ was used in refining the selection of trees for historic homes.
- Would the placement allow for maintaining an open view of the historic homes where current views of house are openly visible? And should planting understory trees between larger shade trees which may block views of the house, be avoided?

Design Context: Design context can often be 'felt', although it is not always apparent from street level. Some sections feel like large rooms with open and high canopy, and others feel like open passageways with enclosed walks and lower branching. These characters help define neighborhoods. Just south of Mapleton Ave. is a more open pastoral feel. The Greens and Bridge Street depict a village character, heading towards Suffield Street a distinctly more suburban atmosphere is felt. To respect and enhance the existing design context the following concepts were considered.

⁶CTDOT Vegetation Management Guidelines 08/2021 Available at <https://portal.ct.gov/-/media/DOT/documents/dmaintenance/VegManGuidelines.pdf>

⁷Urban Tree Selection Manual, Alexopolous, John, Stahl, Paula, Ricard, Robert M UCONN College of Agriculture and Natural Resources 2007 Available at <http://cag.uconn.edu/communications/freePublications/cooperative-extension-publications/environment/urban-tree-selection-manual.pdf>

⁸ **Recommended Urban Trees: Site Assessment and Tree Selection for Street Tolerance**, Urban Horticultural Institute, 2009. Available at: <http://www.hort.cornell.edu/uhi/outreach/recurbtrees/pdfs/~recurbtrees.pdf>

⁹ **For Every House a Garden: A Guide for Reproducing Period Gardens**, Faveretii, Rudy and Joy 1990 University Press of New England, Hanover NH

Maintain existing rhythm within street segments: Rhythm refers to a repeating pattern of elements within a design. The planting plan considers the spatial arrangement of the existing tree forms, their placement along the street and their relationship to the historical homes.

- The rhythmic pattern length can vary from a long street segment to a single house lot.
- Patterns can be defined by spatial relationship of tree forms framing a house such as in areas that are solely comprised of large shade trees providing an open view of a historic home.
- Patterns with interspersing understory trees in front of or between larger shade trees are considered for areas where more open lots exist. These additional trees will provide additional tree canopy coverage and increased public viewing interest for the blooms and foliage of smaller shade and ornamental flowering trees.

Spatial consideration for size and form of trees: Size refers to the height and width, in terms of diameter of a tree. The Tree Selection List includes a form category where the tree species are categorized under one of the following forms: round, oval, pyramidal, broadly pyramidal, columnar, weeping.

- Replacement tree suggestions include three species of similar size and habit to maintain the existing context, rhythm and scale of the street segment.
- Tree placement considers the size and form of the existing trees, the size of the area and the approximate timing for the removal and subsequent replacement tree(s).
- The available space enabling a tree to grow to its mature height and width often limits the choice of tree selections. Areas where space is restricted include under or adjacent to utility poles, wires and distribution boxes, underground utility cables, signage, traffic control structures, water and sewer pipes, and narrow areas adjacent to sidewalks.



A view showing the interplay of historic homes, shade and understory trees and sidewalks. The powerlines have minimal visual impact. (Photo: B. Yaeger)

3) Maximize environmental suitability

Trees on the planting plan were chosen for their features that enable them to be sustainable and able to thrive in New England's environment. A majority of the trees are native with a smaller percentage of non-native trees. Cultivars of both native and non-native species are included.

- *Hardiness Zone* – all trees on list are listed as being hardy for Suffield's hardiness zone of 6a as based on the USDA Plant Hardiness Zone Map.
- *Disease and Insect Resistance* - tree species susceptible to serious insect infestation or disease were excluded from the planting plan. One example is the omission of Ash trees due to damage caused by Emerald Ash Borer and Beech trees due to the increasing presence of Beech Bark Disease
- *Invasiveness* – trees Listed as restricted by state statute and on the CT Invasive Plant List, shown on the Early Detection and Requiring research for potential invasiveness on Connecticut Invasive Plant Working Group (CIPWG) webpage, or listed on the USDA Noxious and Invasive website¹⁰ were excluded from the planting plan.
- *Micro-site conditions* – dips creating wet areas, shade from overhead tree and adjacent buildings and potential for salt spray are a few of the environmental conditions considered in siting trees within their preferred habitat.
- Guidance from available street tree recommendations such as: **Urban Tree Selection Manual**¹¹, **Native Trees, Shrubs and Vines for Urban and Rural America: A Planting Design Manual for Environmental Designers**¹², and more, were used to refine the selections



Left: The portion of the route is heavily treed and nicely shaded



Right: East of the Middle Green there are opportunities to greatly increase shade.

¹⁰CIPWG Invasive Plant List at https://cipwg.uconn.edu/invasive_plant_list/ , CIPWG Early Detection list available at https://cipwg.uconn.edu/early_detection/ , USDA Invasive & Noxious Plant available at <https://plants.sc.egov.usda.gov/home/noxiousInvasiveSearch>

¹¹ **Urban Tree Selection Manual**, Alexopolous, John, Stahl, Paula, Ricard, Robert M UCONN College of Agriculture and Natural Resources 2007

¹² **Native Trees, Shrubs and Vines for Urban and Rural America: A Planting Design Manual for Environmental Designers**, Hightshoe, Gary L. John Wiley & Sons, Inc New York 1988

Reviews

To ensure a thorough and inclusive plan, input was gathered from many of the stakeholders. Below is a listing of the organizations and departments that provided comments. It shall be noted that none of the input from CTDOT provides permission to plant in the right of way. The process of permitting will still need to be completed before planting along with call before you dig and verification of overhead utilities before any planting can occur.

DRAFT #2

Date: 02-17-2022 Suffield Tree Committee Meeting

Initial process presentation also in attendance, Eversource and the First Selectmen

Date: 03-08-2022 CTDOT Scenic Highway Committee

Via email

Date: 03-10-2022 Eversource

Via emails

DRAFT #3

Date: 03-17-2022 Ct. Department of Transportation

Via emails

Steve Geddes, Landscape Designer/Arborist, District 4 Maintenance

Adam Boone, Bureau of Highway Operations, Scenic Road Advisory Committee Member

Susan L. Fiedler, Landscape Designer 3, Scenic Road Advisory Committee Member

Date: 05-27-2022 in person review meeting: CTDOT, Town of Suffield

Steve Geddes, Adam Boone, Chris Matejek, Barb Yaeger

Draft # 4 (via emails)

Date 06-17-2022 of Suffield: Suffield Public Works, Parks & Recreation, Planning

Town Engineer, Karen Isherwood

Director of Public Works, Chris Matejek

Highway Foreman, Mark Cervione

Tree Warden, Michael Turgeon

Director of Parks & Recreation , Peter Leclerc

Town Planner , Bill Hawkins, AICP

Final Draft (via emails)

Date: 09-00-2022 Suffield Garden Club:

Connie Murray, President

Susan Mayne, Project Chair

Phase Planting Plan for Historic Main Street Suffield CT

TREES BY THE NUMBERS

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Trees by the Numbers

Overall

The overall quantity of trees within the inventoried area has been declining. There were 523 trees inventoried in 2013 (418 Street Trees and 105 Greens Trees), and the 2020 SavaTree Inventory¹ documented 493 trees. Since the SavATree Inventory 36 trees have been removed (as of July 31, 2022), an approximately 7.3% reduction.

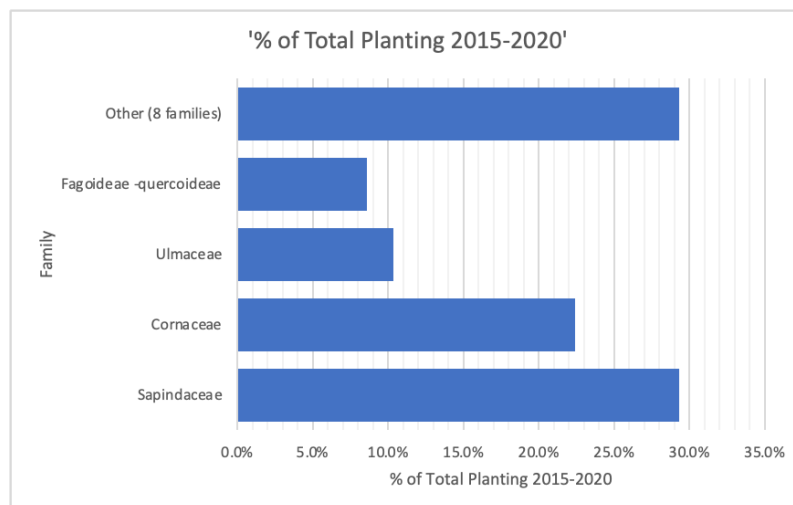
Between 2015 and 2020 58 trees were planted. These trees were counted in the 2020 inventory. A brief analysis is shown below.

Starting on page 15 is a recap of trees that have been removed. It is interesting to note that many of these trees were listed in fair condition. Maintenance issues, that were not addressed may have potentially accelerated the decline and requirement for removal.

Plantings 2015 to 2020

Total Planted 2015 to 2020 58

Family	% of Total Planting 2015-2020	
<i>Sapindaceae</i>	29.3%	17
<i>Cornaceae</i>	22.4%	13
<i>Ulmaceae</i>	10.3%	6
<i>Fagoideae -quercoideae</i>	8.6%	5
<i>Other (8 families)</i>	29.3%	17



¹ 2020 Tree Inventory and Management Plan Update for Suffield Garden Club, 02/18/2021, SavaTree Consulting Group supplied to Land Canvas Landscape Architecture by Sue Mayne

Planting 2015-2020 continued

Latin_Name	Family	Year_Plant	Address	Tree_No_
Liquidambar styraciflua	Altingiaceae	2017	332 N. Main	550.1
Liquidambar styraciflua	Altingiaceae	2015	264 S. Main	761.2
Carpinus caroliniana	Betulaceae	2015	493 N. Main	31.1
Cornus 'Rutgan'	Cornaceae	2015	82 N. Main	584.1
Cornus florida	Cornaceae	2016	145 S. Main	249.1
Cornus florida	Cornaceae	2016	145 S. Main	250.1
Cornus florida	Cornaceae	2020	522 N. Main	514.5
Cornus florida	Cornaceae	2020	412 N. Main	533.1
Cornus florida	Cornaceae	2020	14 Day	576.5
Cornus florida	Cornaceae	2020	182 S. Main	729.5
Cornus florida	Cornaceae	2020	234 S. Main	753.5
Cornus florida	Cornaceae	2016	338 S. Main	776.1
Cornus florida	Cornaceae	2020	360 S. Main	778.6
Cornus florida	Cornaceae	2016	178 S. Main	727.1
Cornus florida	Cornaceae	2016	178 S. Main	727.1
Cornus kousa	Cornaceae	2015	480 N. Main	521.1
Oxydendrum arboreum	Ericaceae	2017	236 N. Main	568.5
Quercus robur 'fastigiata'	Fagoideae -queroideae	2017	480 N. Main	522.2
Quercus rubra	Fagoideae -queroideae	2020	450 N. Main	527.5
Quercus rubra	Fagoideae -queroideae	2020	412 N. Main	533.5
Quercus rubra	Fagoideae -queroideae	2020	140 S. Main	720.5
Quercus rubra	Fagoideae -queroideae	2019	South Green	1605.5
Ginkgo biloba	Ginkgoaceae	2017	266 N. Main	562.4
Liriodendron tulipifera	Magnoliaceae	2017	480 N. Main	522.1
Magnolia x soulangiana	Magnoliaceae	2015	436 N. Main	528.1
Magnolia x soulangiana	Magnoliaceae	2015	222 S. Main	752.1
Hibiscus syriacus	Malvaceae	2015	517 N. Main	23.1
Tilia cordata	Malvaceae	2017	87 S. Main	242.1
Tilia cordata 'Greenspire'	Malvaceae	2017	321 N. Main	76.1
Nyssa sylvatica	Nyssaceae	2017	130 S. Main	717.5
Platanus acerifolia 'Bloodgood'	Platanaceae	2015	14 Day	576.1
Platanus acerifolia 'Bloodgood'	Platanaceae	2015	14 Day	577.1
Amelanchier spp.	Rosaceae	2017	169 S. Main	260.1
Amelanchier spp.	Rosaceae	2015	222 S. Main	752.2
Malus 'Donald Wyman'	Rosaceae	2019	South Green	1606.5
Acer rubrum	Sapindaceae	2015	540 N. Main	511.1
Acer rubrum	Sapindaceae	2015	380 N. Main	536.1
Acer rubrum 'Franksred'	Sapindaceae	2017	225 S. Main	384.1
Acer saccharum	Sapindaceae	2015	55 S. Main	230.1
Acer saccharum	Sapindaceae	2015	55 S. Main	239.1
Acer saccharum	Sapindaceae	2015	412 N. Main	533.3
Acer saccharum	Sapindaceae	2020	272 N. Main	560.5
Acer saccharum	Sapindaceae	2019	North Green	1033.6
Acer saccharum	Sapindaceae	2019	Mid Green N	1220.5
Acer saccharum 'Legacy'	Sapindaceae	2017	55 S. Main	238.1
Acer saccharum 'Legacy'	Sapindaceae	2017	55 S. Main	240.1
Acer saccharum 'Legacy'	Sapindaceae	2020	361 S. Main	430.3
Acer saccharum 'Legacy'	Sapindaceae	2020	361 S. Main	430.7
Acer saccharum 'Legacy'	Sapindaceae	2017	264 S. Main	761.4
Acer saccharum 'Legacy'	Sapindaceae	2020	264 S. Main	762.4
Acer saccharum 'Legacy'	Sapindaceae	2020	360 S. Main	778.4
Aesculus hippocastanum	Sapindaceae	2017	332 N. Main	547.1
Ulmus americana	Ulmaceae	2015	493 N. Main	30.1
Ulmus americana	Ulmaceae	2015	298 N. Main	556.1
Ulmus americana 'Jefferson'	Ulmaceae	2017	264 S. Main	760.1
Ulmus americana 'Princeton'	Ulmaceae	2015	572 N. Main	509.1
Ulmus americana 'Princeton'	Ulmaceae	2015	532 N. Main	513.1
Ulmus americana 'Princeton'	Ulmaceae	2015	394 N. Main	535.1

Trees Removed thru 08/2022

Ornamental Trees =12

Address	Tree No.	Common	Botanical	DBH 2020
511 N. Main	27	Kousa Dogwood	Cornus kousa	2
145 S. Main	246	Kousa Dogwood	Cornus kousa	6
373 S. Main	460	Flowering Dogwood	Cornus florida	6
500 N. Main	517	Kousa Dogwood	Cornus kousa	7
480 N. Main	522.1	Kousa	Cornus kousa	4
412 N. Main	533.1	Flowering Dogwood	Cornus florida	1
142 N. Main	581	Crabapple	Malus spp.	8
60 S. Main	695	Blue spruce	Picea pungens 'glauca'	7
178 S. Main	727.1	Flowering dogwood	Cornus florida	1
Md Green N	1210	Flowering dogwood	Cornus florida	13
Md Green N	1212	Flowering dogwood	Cornus florida	17
South Green	1610	Kousa dogwood	Cornus kousa	7

7 Average DBH
 6.5 Median
 1 to 17 Range

Trees Removed continued

Shade Trees = 24

Address	Tree No.	Common	Botanical	DBH 2020
523 N. Main	19	Sugar maple	Acer saccharum	36
523 N. Main	20	Sugar maple	Acer saccharum	37
523 N. Main	21	Sugar maple	Acer saccharum	40
11 Marbern	151	European beech	Fagus sylvatica	49
55 S. Main	238	Sugar maple	Acer saccharum	32
155 S. Main	256	White ash	Fraxinus americana	22
9 Willow Creek	263	Sugar maple	Acer saccharum	51
249 S. Main	392	Sugar maple	Acer saccharum	24
391 S. Main	477	Sugar maple	Acer saccharum	32
391 S. Main	478	Sugar maple	Acer saccharum	30
34 S. Main	683	Sugar maple	Acer saccharum	17
52 S. Main	690	Sugar maple	Acer saccharum	35
78 S. Main	701	Horse Chestnut	Aesculus hippocastanum	42
88 S. Main	706	Norway maple	Acer platanoides	36
98 S. Main	710	Sugar maple	Acer saccharum	32
264 S. Main	762.4	Sugar maple	Acer saccharum	2
300 S. Main	763	Norway maple	Acer platanoides	17
North Green	1042	Norway maple	Acer platanoides	24
Md Green N	1219	Red maple	Acer rubrum	19
Md Green N	1220	American beech	Fagus grandifolia	20
South Green	1604	Sugar maple	Acer saccharum	19
South Green	1613	Sugar maple	Acer saccharum	39
South Green	1615	Sugar maple	Acer saccharum	18
South Green	1622	European beech	Fagus sylvatica	19

29 Average DBH

31 Median

2 to 51 Range

Tree Genus, Species and Family Distribution:

The 2020 SavATree Inventory, under Tree species distribution noted that tree diversity was Fair when following Dr. Frank Santamour's "10-20-30 formula"² which states that urban tree populations should be no more than 10% of a particular species, 20% of a particular genus, or 30% of a particular family. We should note that while Suffield's Historic Main Street is not a truly urban environment, it is still relevant to use the formula as a guideline for planning tree diversity to reduce the potential of catastrophic loss in the event of disease or insect issues. SavATree summary noted that 2 trees far exceeded the recommended percent for genus and species, but through attrition and increasing tree diversity, the completed 10-year plan reduces the percentages:

Acer saccharum (Sugar Maple) from 23.22% to 16.70% and *Cornus florida* (Flowering Dogwood) from 22.40% to 16.52%

When replacing trees or adding trees, that are not identified in this plan, thought should be given to selecting other tree types.

Below is a complete analysis of the 2020 SavATree inventory and the new plan.



Left:

A healthy young Sugar Maple (Dogwood in background) planted to create a continued tree canopy along Main Street.

Right:

A tree in poor condition with a planned replacement.

(Photos: B. Yaeger)

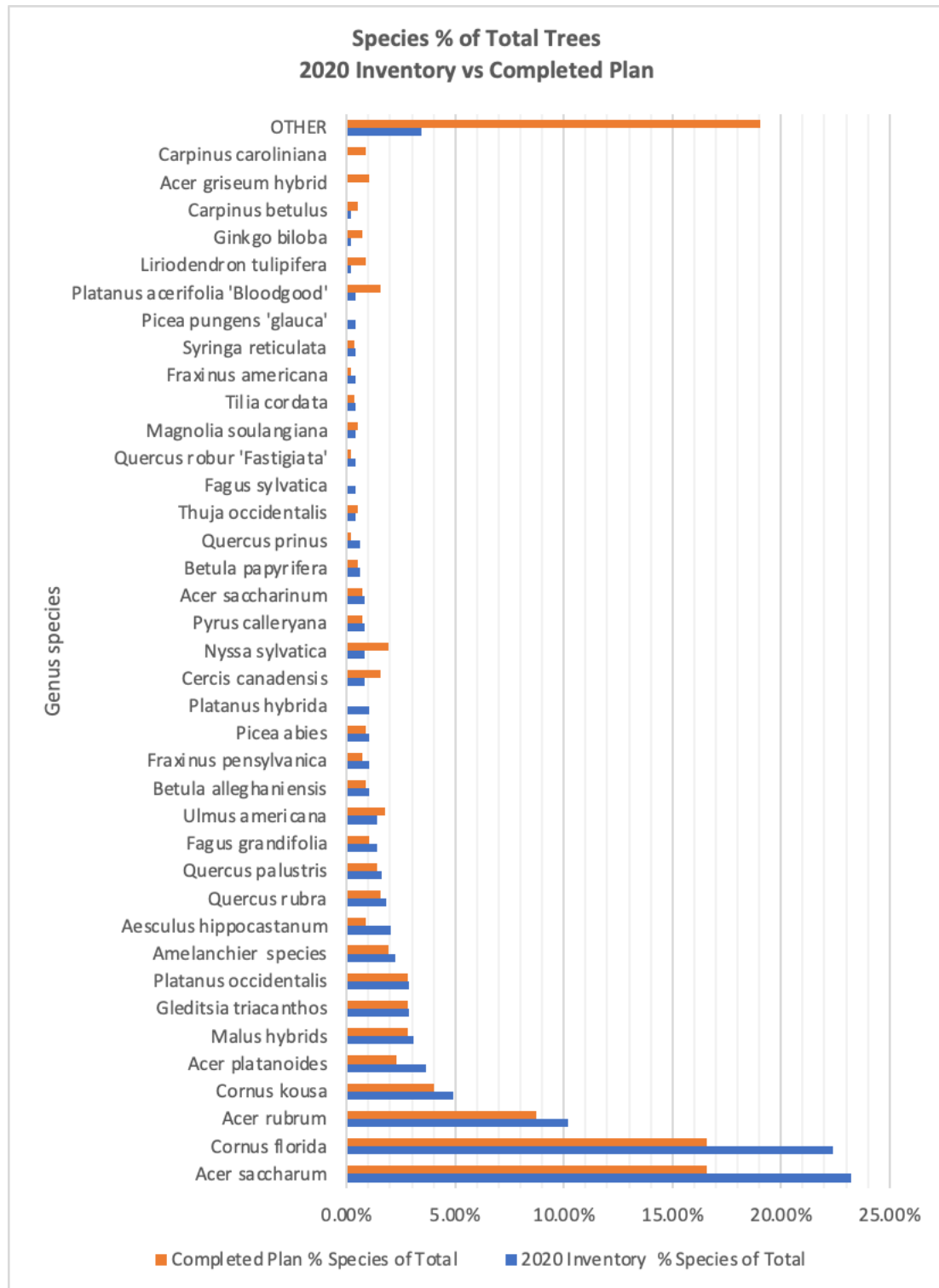


² Overstory #126 - Trees For Urban Planting: Diversity, Uniformity, And Common Sense

<https://agroforestry.org/the-overstory/144-overstory-126-trees-for-urban-planting-diversity-uniformity-and-common-sense>

Tree Species, Genus and Family Distribution:

Species: Goal 10% or less



Species: cont.

Genus species	2020 Inventory	2020 Inventory % Species of Total		Completed Plan	Completed Plan % Species of Total
Acer saccharum	114	23.22%		95	16.61%
Cornus florida	110	22.40%		95	16.61%
Acer rubrum	50	10.18%		50	8.74%
Cornus kousa	24	4.89%		23	4.02%
Acer platanoides	18	3.67%		13	2.27%
Malus hybrids	15	3.05%		16	2.80%
Gleditsia triacanthos	14	2.85%		16	2.80%
Platanus occidentalis	14	2.85%		16	2.80%
Amelanchier species	11	2.24%		11	1.92%
Aesculus hippocastanum	10	2.04%		5	0.87%
Quercus rubra	9	1.83%		9	1.57%
Quercus palustris	8	1.63%		8	1.40%
Fagus grandifolia	7	1.43%		6	1.05%
Ulmus americana	7	1.43%		10	1.75%
Betula alleghaniensis	5	1.02%		5	0.87%
Fraxinus pennsylvanica	5	1.02%		4	0.70%
Picea abies	5	1.02%		5	0.87%
Platanus hybrida	5	1.02%		0	0.00%
Cercis canadensis	4	0.81%		9	1.57%
Nyssa sylvatica	4	0.81%		11	1.92%
Pyrus calleryana	4	0.81%		4	0.70%
Acer saccharinum	4	0.81%		4	0.70%
Betula papyrifera	3	0.61%		3	0.52%
Quercus prinus	3	0.61%		1	0.17%
Thuja occidentalis	2	0.41%		3	0.52%
Fagus sylvatica	2	0.41%		0	0.00%
Quercus robur 'Fastigiata'	2	0.41%		1	0.17%
Magnolia soulangiana	2	0.41%		3	0.52%
Tilia cordata	2	0.41%		2	0.35%
Fraxinus americana	2	0.41%		1	0.17%
Syringa reticulata	2	0.41%		2	0.35%
Picea pungens 'glauca'	2	0.41%		0	0.00%
Platanus acerifolia 'Bloodgood'	2	0.41%		9	1.57%
Liriodendron tulipifera	1	0.20%		5	0.87%
Ginkgo biloba	1	0.20%		4	0.70%
Carpinus betulus	1	0.20%		3	0.52%
Acer griseum hybrid	0	0.00%		6	1.05%
Carpinus caroliniana	0	0.00%		5	0.87%
OTHER	17	3.46%		109	19.06%

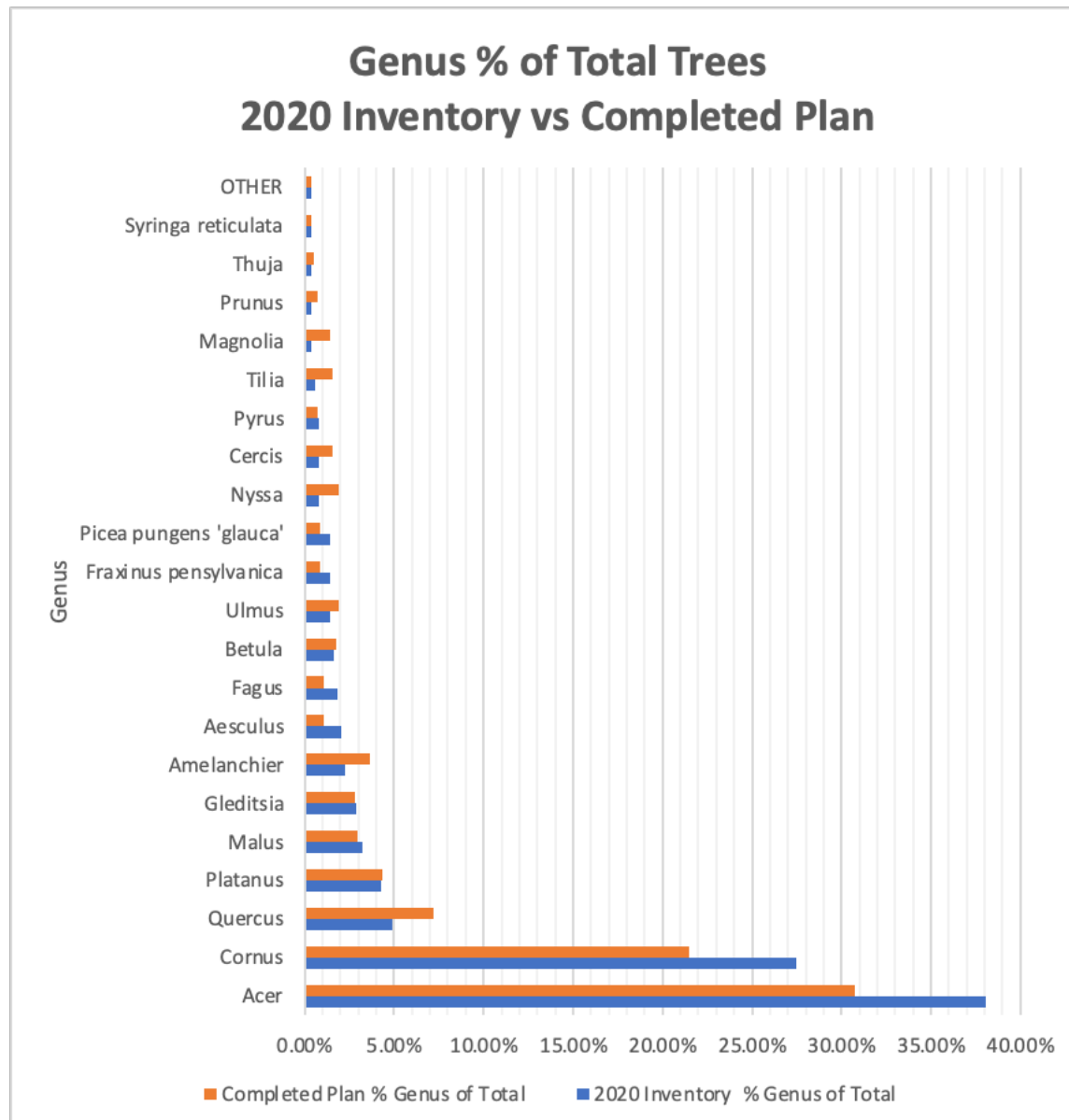
Species: cont

Genus species - OTHER	2020 Inventory	2020 Inventory % Species of Total		Completed Plan	Completed Plan % Species of Total
Viburnum lentago	1	0.20%		1	0.17%
Catalpa speciosa	1	0.20%		1	0.17%
Cercidiphyllum japonicum	1	0.20%		2	0.35%
Cornus 'Rutgan' (hybrid)	1	0.20%		0	0.00%
Oxydendrum arboreum	1	0.20%		1	0.17%
Cladrastis kentukea	1	0.20%		1	0.17%
Quercus alba	1	0.20%		3	0.52%
Quercus velutina	1	0.20%		1	0.17%
Hibiscus syriacus	1	0.20%		1	0.17%
Tilia cordata 'Greenspire'	1	0.20%		1	0.17%
Pinus strobus	1	0.20%		2	0.35%
Pseudotsuga menziesii	1	0.20%		1	0.17%
Malus 'Donald Wyman'	1	0.20%		1	0.17%
Prunus serotina	1	0.20%		1	0.17%
Prunus subhirtella 'Pendula'	1	0.20%		1	0.17%
Acer pseudoplatanus	1	0.20%		1	0.17%
Taxus spp.	1	0.20%		1	0.17%
Cotinus coggygria	0	0.00%		0	0.00%
Ilex opaca	0	0.00%		2	0.35%
Betula nigra	0	0.00%		2	0.35%
Betula populifolia	0	0.00%		0	0.00%
Ostrya virginiana	0	0.00%		2	0.35%
Catalpa erubescens	0	0.00%		1	0.17%
Celtis occidentalis	0	0.00%		3	0.52%
Cornus alternifolia	0	0.00%		4	0.70%
Cornus mas	0	0.00%		1	0.17%
Juniperus virginiana	0	0.00%		1	0.17%
Taxodium distichum	0	0.00%		1	0.17%
Gymnocladus dioica	0	0.00%		1	0.17%
Quercus bicolor	0	0.00%		1	0.17%
Quercus coccinea	0	0.00%		2	0.35%
Quercus imbricaria	0	0.00%		0	0.00%
Quercus macrocarpa	0	0.00%		3	0.52%
Quercus montana	0	0.00%		3	0.52%
Quercus muehlenbergii	0	0.00%		2	0.35%
Quercus nuttallii	0	0.00%		1	0.17%
Quercus phellos	0	0.00%		1	0.17%
Quercus robur x alba	0	0.00%		4	0.70%
Quercus X macdanielii	0	0.00%		1	0.17%
Hamamelis hybrids	0	0.00%		4	0.70%
Hamamelis virginiana	0	0.00%		4	0.70%
Parrotia persica	0	0.00%		0	0.00%
Carya ovata	0	0.00%		4	0.70%
Juglans nigra	0	0.00%		1	0.17%
Magnolia acuminata	0	0.00%		1	0.17%
Magnolia hybrid	0	0.00%		1	0.17%
Magnolia stellata	0	0.00%		0	0.00%
Magnolia virginiana	0	0.00%		3	0.52%
Tilia americana	0	0.00%		4	0.70%
Tilia tomentosa	0	0.00%		1	0.17%
Tilia x mongolica	0	0.00%		1	0.17%
Metasequoia glyptostroboides	0	0.00%		1	0.17%
Chionanthus retusus	0	0.00%		1	0.17%

Species: cont

Genus species - OTHER	2020 Inventory	2020 Inventory % Species of Total		Completed Plan	Completed Plan % Species of Total
Pinus flexilis	0	0.00%		1	0.17%
Amelanchier laevis	0	0.00%		3	0.52%
Amelanchier canadensis	0	0.00%		3	0.52%
Amelanchier x grandiflora	0	0.00%		4	0.70%
Crataegus crusgalli 'Inermis'	0	0.00%		3	0.52%
Prunus serrulata	0	0.00%		2	0.35%
Acer griseum	0	0.00%		1	0.17%
Acer nigrum (saccharum sub nigra)	0	0.00%		3	0.52%
Acer x freemanii	0	0.00%		3	0.52%
Aesculus x carnea 'Briotii'	0	0.00%		1	0.17%
Halesia carolina	0	0.00%		1	0.17%
Franklinia alatamaha	0	0.00%		0	0.00%
Stewartia pseudocamelia	0	0.00%		1	0.17%
Ulmus hybrid	0	0.00%		1	0.17%
Ulmus species	0	0.00%		0	0.00%
Total all	491	100.00%		572	100.00%

Genus: Goal 20% or less



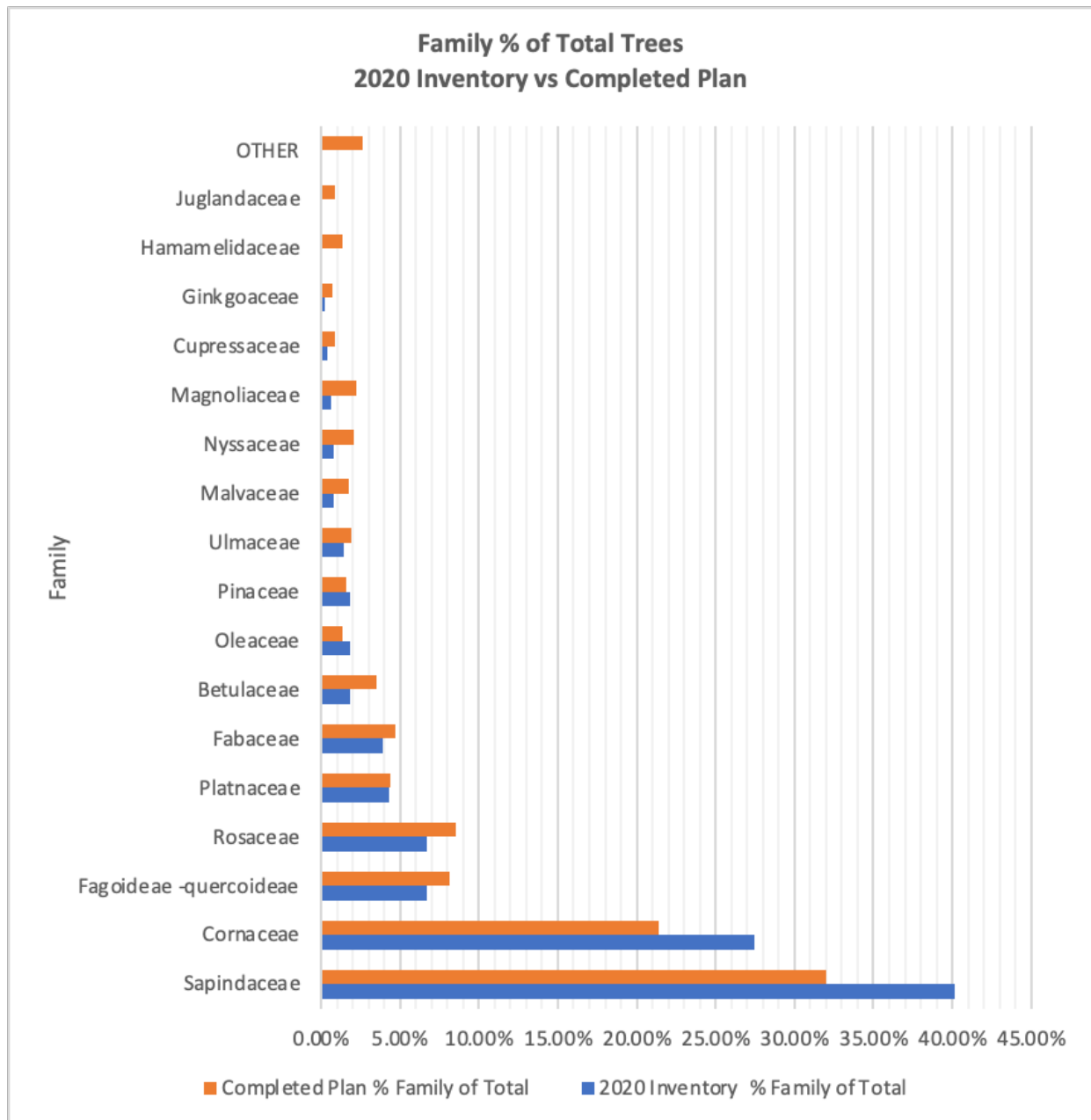
Genus: continued

Genus	2020 Inventory	2020 Inventory % Genus of Total		Completed Plan	Completed Plan % Genus of Total
Acer	187	38.09%		176	30.77%
Cornus	135	27.49%		123	21.50%
Quercus	24	4.89%		41	7.17%
Platanus	21	4.28%		25	4.37%
Malus	16	3.26%		17	2.97%
Gleditsia	14	2.85%		16	2.80%
Amelanchier	11	2.24%		21	3.67%
Aesculus	10	2.04%		6	1.05%
Fagus	9	1.83%		6	1.05%
Betula	8	1.63%		10	1.75%
Ulmus	7	1.43%		11	1.92%
Fraxinus pensylvanica	7	1.43%		5	0.87%
Picea pungens 'glauca'	7	1.43%		5	0.87%
Nyssa	4	0.81%		11	1.92%
Cercis	4	0.81%		9	1.57%
Pyrus	4	0.81%		4	0.70%
Tilia	3	0.61%		9	1.57%
Magnolia	2	0.41%		8	1.40%
Prunus	2	0.41%		4	0.70%
Thuja	2	0.41%		3	0.52%
Syringa reticulata	2	0.41%		2	0.35%
OTHER	12	0.41%		60	0.41%

Genus: continued

Genus - other	2020 Inventory	2020 Inventory % Genus of Total		Completed Plan	Completed Plan % Genus of Total
Carpinus	1	0.20%		8	1.40%
Liriodendron	1	0.20%		5	0.87%
Ginkgo	1	0.20%		4	0.70%
Pinus strobus	1	0.20%		3	0.52%
Catalpa	1	0.20%		2	0.35%
Cercidiphyllum	1	0.20%		2	0.35%
Viburnum	1	0.20%		1	0.17%
Oxydendrum	1	0.20%		1	0.17%
Cladrastis	1	0.20%		1	0.17%
Hibiscus	1	0.20%		1	0.17%
Pseudotsuga menziesii	1	0.20%		1	0.17%
Taxus	1	0.20%		1	0.17%
Hamamelis	0	0.00%		8	1.40%
Carya	0	0.00%		4	0.70%
Celtis	0	0.00%		3	0.52%
Crataegus	0	0.00%		3	0.52%
Ilex	0	0.00%		2	0.35%
Ostrya	0	0.00%		2	0.35%
Juniperus	0	0.00%		1	0.17%
Taxodium	0	0.00%		1	0.17%
Gymnocladus	0	0.00%		1	0.17%
Juglans	0	0.00%		1	0.17%
Metasequoia	0	0.00%		1	0.17%
Chionanthus	0	0.00%		1	0.17%
Halesia	0	0.00%		1	0.17%
Stewartia	0	0.00%		1	0.17%
Cotinus	0	0.00%		0	0.00%
Parrotia	0	0.00%		0	0.00%
Franklinia	0	0.00%		0	0.00%
Total -all	491	100.00%		572	100.00%

Family: Goal 30% or less

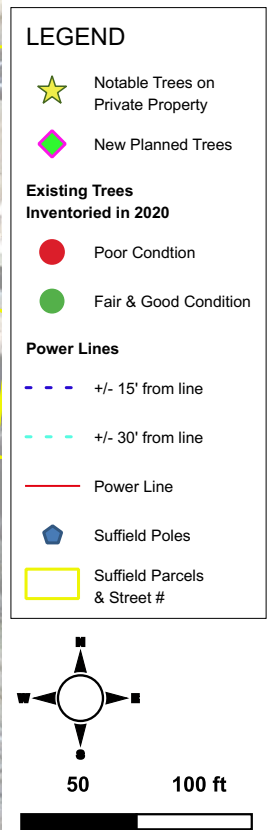
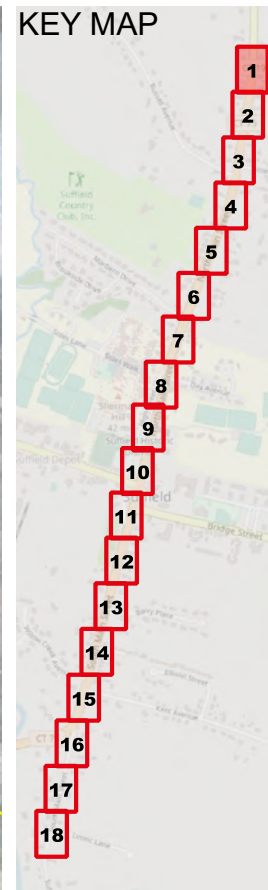
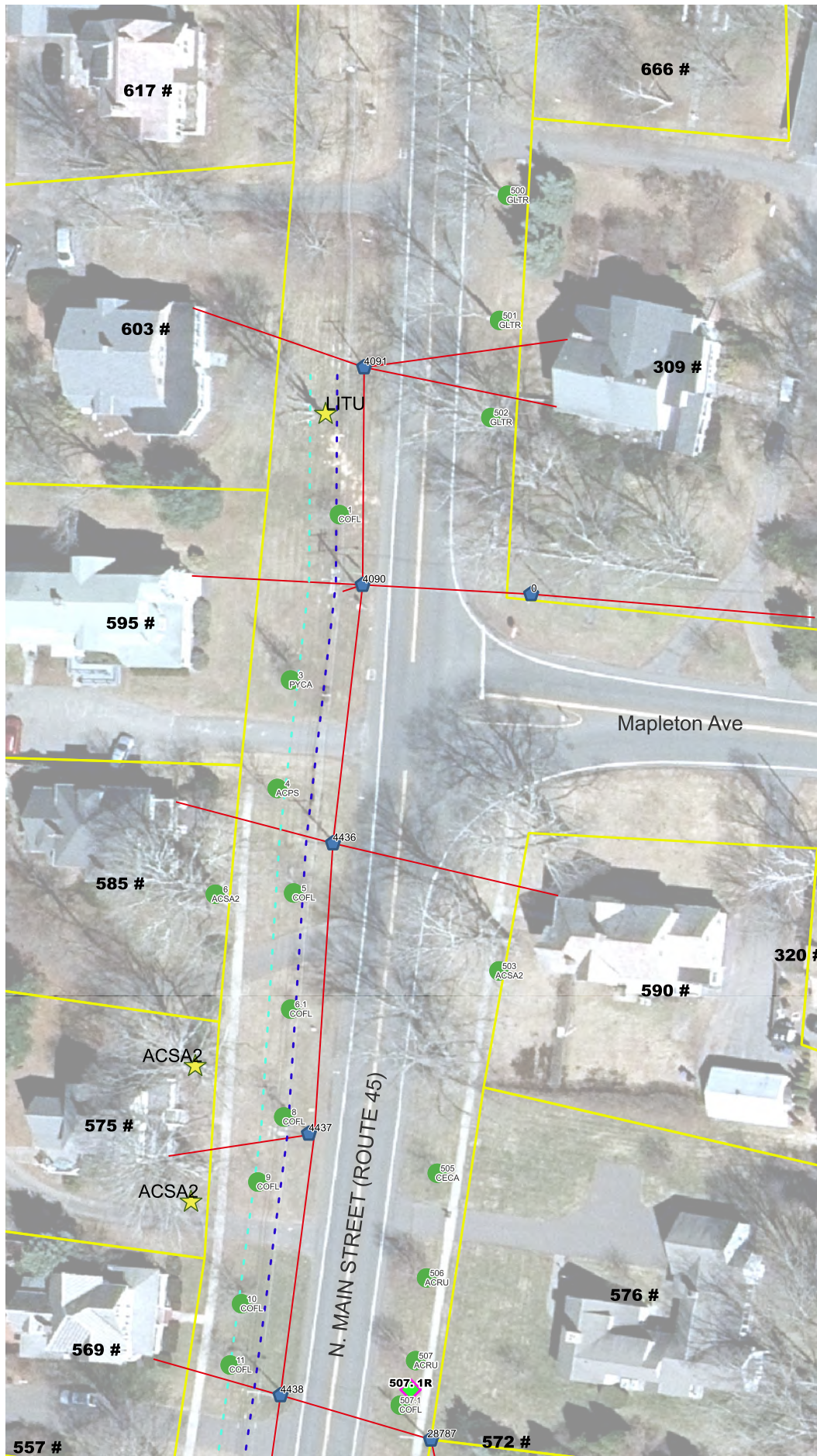


Family: continued

Family	2020 Inventory	2020 Inventory % Family of Total		Completed Plan	Completed Plan % Family of Total
Sapindaceae	197	40.12%		182	31.82%
Cornaceae	135	27.49%		123	21.50%
Fagoideae - quercoideae	33	6.72%		47	8.22%
Rosaceae	33	6.72%		49	8.57%
Platanaceae	21	4.28%		25	4.37%
Fabaceae	19	3.87%		27	4.72%
Betulaceae	9	1.83%		20	3.50%
Oleaceae	9	1.83%		8	1.40%
Pinaceae	9	1.83%		9	1.57%
Ulmaceae	7	1.43%		11	1.92%
Malvaceae	4	0.81%		10	1.75%
Nyssaceae	4	0.81%		11	1.92%
Magnoliaceae	3	0.61%		13	2.27%
Cupressaceae	2	0.41%		5	0.87%
Ginkgoaceae	1	0.20%		4	0.70%
Hamamelidaceae	0	0.00%		8	1.40%
Juglandaceae	0	0.00%		5	0.87%
OTHER	5	0.00%		15	2.62%
Family - other	2020 Inventory	2020 Inventory % Family of Total		Completed Plan	Completed Plan % Family of Total
Adoxaceae	1	0.20%		1	0.17%
Bignoniaceae	1	0.20%		2	0.35%
Cercidiphyllaceae	1	0.20%		2	0.35%
Ericaceae	1	0.20%		1	0.17%
Taxaceae	1	0.20%		1	0.17%
Anacardiaceae	0	0.00%		0	0.00%
Aquifoliaceae	0	0.00%		2	0.35%
Cannabaceae	0	0.00%		3	0.52%
Metasequoiaceae	0	0.00%		1	0.17%
Styracaceae	0	0.00%		1	0.17%
Theaceae	0	0.00%		1	0.17%
TOTAL- all	491	100.00%		572	100.00%

Planting Plan for Historic Main Street Suffield CT

Maps with Tree Recommendations

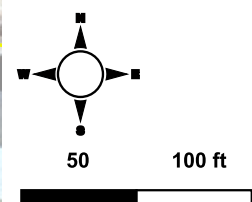
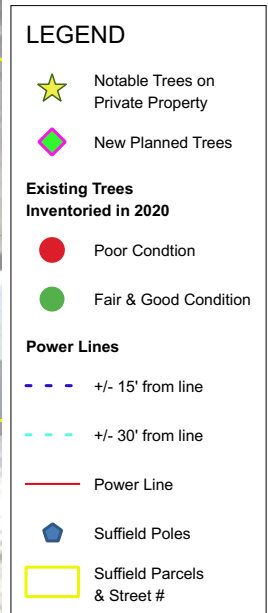
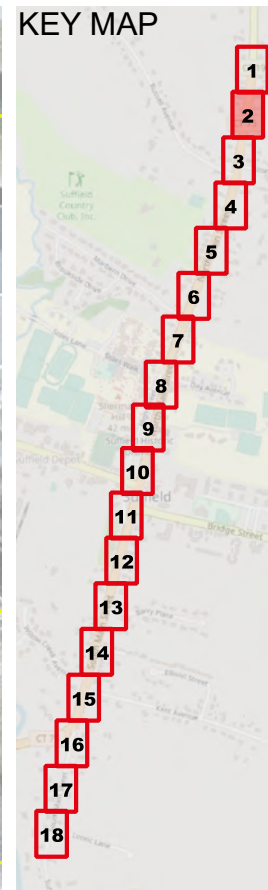


Recommended Trees - Plan

All Information on these maps shall be used for planning purposes only. This information does not constitute a survey, and shall not be considered accurate. **Always Call Before You Dig to verify underground utilities. Also verify overhead utilities.**

Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
576 N. Main	507. 1R	CECA-TF	AMUT+AutBrill-TF	COAL-TF	Wires	2003

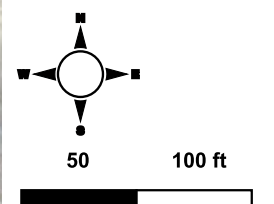
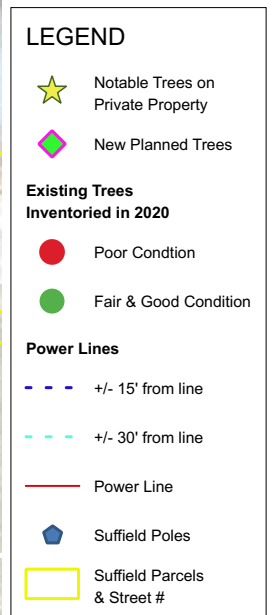
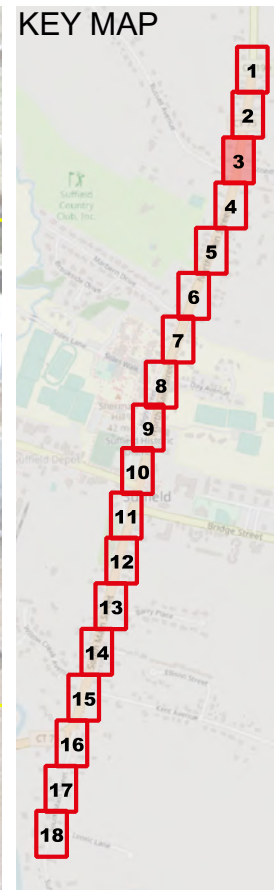


Recommended Trees - Plan

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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
557 N.Main	15.1R	AMUT+PrincessDianne-TF	CECA+PaulineLilly-TF	NULL	Wires OH, sight lines	1900
551 N. Main	16.R	CACA+NativeFlame	AM_laevis+Lustre-TF	ACGRX+CinnamonGirl	To replace sugar near wires	1906
541 N. Main	18.5N	COAL-TF	CACA	NULL	Watch wires	1776
523 N. Main	19.R	ACNI+GreenColumn	ACRU+RedSunset	NULL	Replaces sugar removed in 2021	1920
523 N. Main	20.R	ACNI+GreenColumn	ACRU+RedSunset	NULL	NULL	1920
523 N. Main	21.R	QUBI+AmericanDream	GLTR+StreetKeeper	NULL	NULL	1920
576 N. Main	507. 1R	CECA-TF	AMUT+AutBrill-TF	COAL-TF	Wires	2003
510 N. Main	515.5N	GLTR+Moraine	ULS+Variety	QUAL	CTDOT to verify in field before planting	1800
510 N. Main	516.5N	CAOV	QURU	QUPR	CTDOT to verify in field before planting	1800

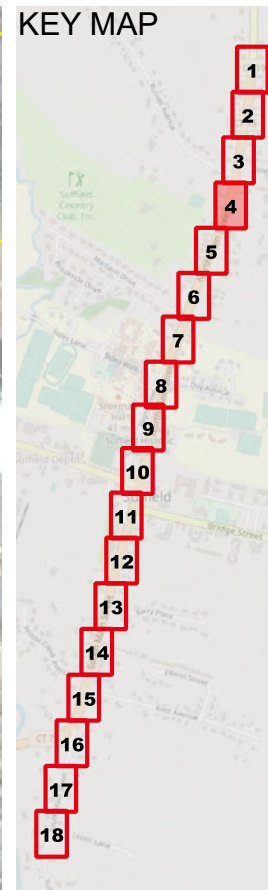
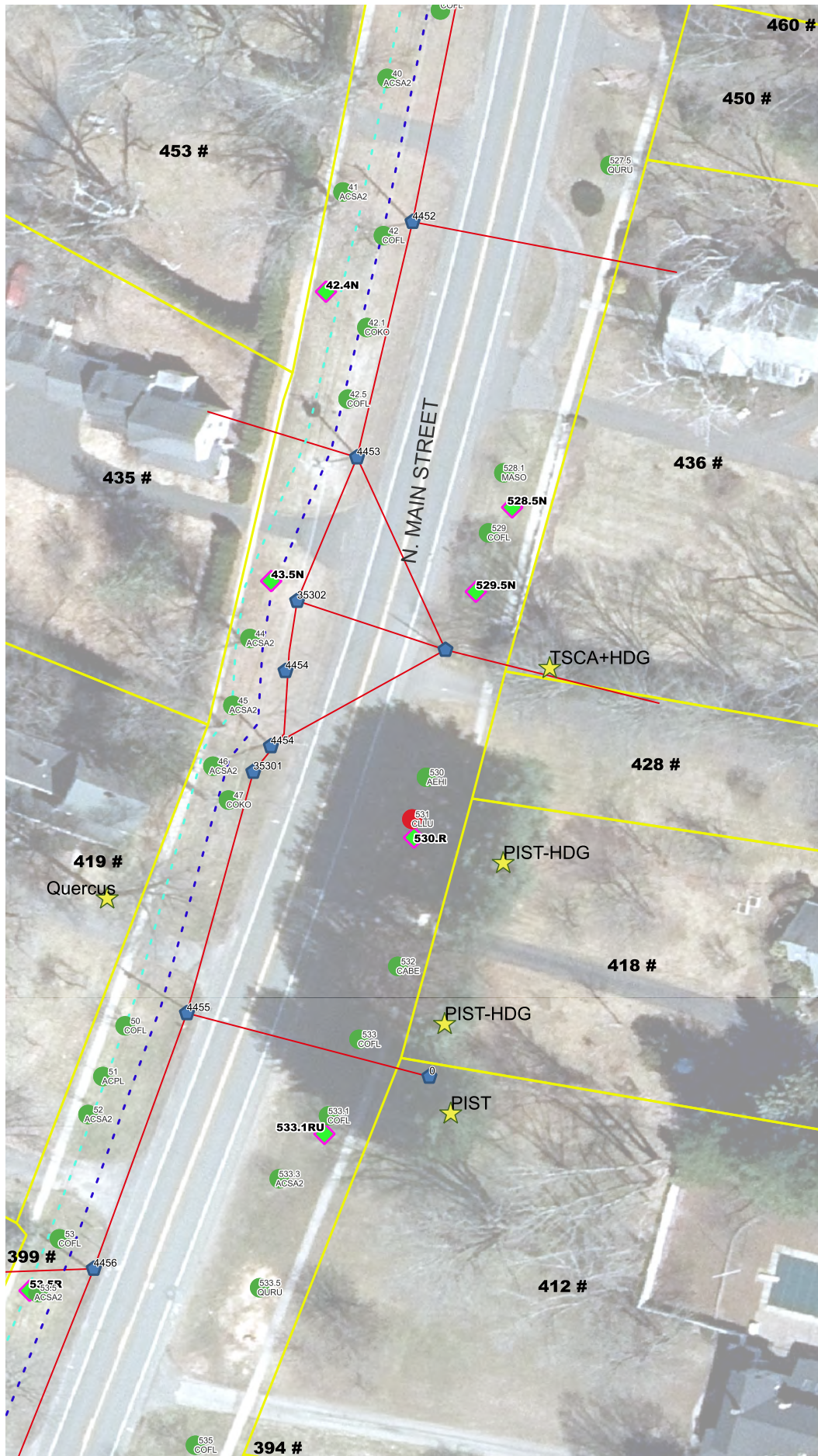


Recommended Trees - Plan

All Information on these maps shall be used for planning purposes only. This information does not constitute a survey, and shall not be considered accurate. **Always Call Before You Dig to verify underground utilities. Also verify overhead utilities.**

Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
497 N. Main	29.N	NYSY+Wildfire	ACRU+SunValley	BENI+LittleKing-TF	Low area	1799
493 N. Main	30.9N	BEPO+Oenci	CABE+EmeraldAvenue	GIBI+AutumnGold	New tree where walk curves	1859
510 N. Main	516.5N	CAOV	QURU	QUPR	CTDOT to verify in field before planting	1800
510 N. Main	517.3N	QUX+RegalPrince	QUBI+AmericanDream	NULL	CTDOT to verify in field before planting	1800
500 N. Main	517.RU	QUPR	CRJA	GYDI+Espresso	Replaces Kousa	1875
480 N. Main	521. 1R	AMUT+AutBrill-TF	BENI+LittleKing-TF	CACA+FireSpire	NULL	1958
460 N.Main	522.2R	QUMA1+UrbanPinnacle	QUBI+AmericanDream	NULL	Limbs up at 6' min	1958



LEGEND

- ★ Notable Trees on Private Property
- ◆ New Planned Trees

Existing Trees Inventoried in 2020

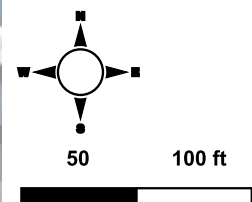
- Poor Condition
- Fair & Good Condition

Power Lines

- - - +/- 15' from line
- - - +/- 30' from line
- Power Line

● Suffield Poles

□ Suffield Parcels & Street #

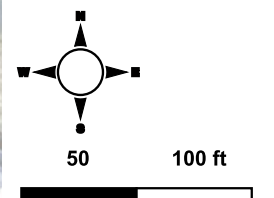
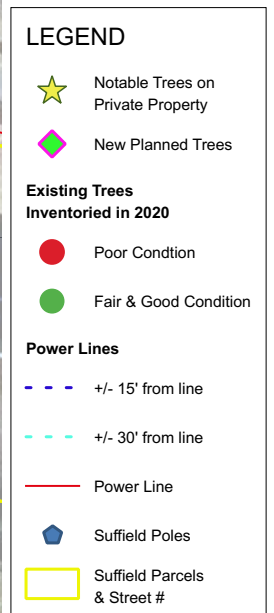
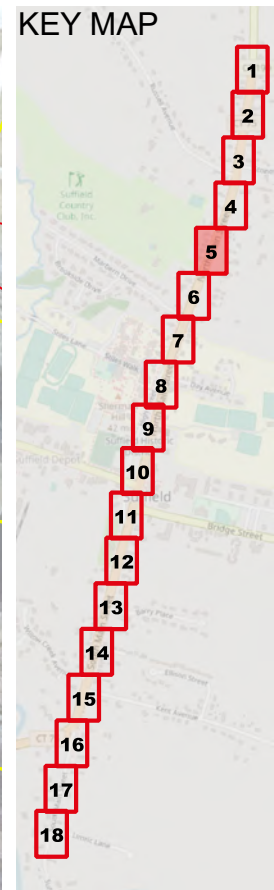


Recommended Trees - Plan

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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
453 N. Main	42.4N	ACRU+RedSunset	ACFR+Matador	GLTR+StreetKeeper	Watch wires	1890
435 N. Main	43.5N	MA1+Daybreak	COMA+SaffronSentinel-TF	NULL	Plant near to walk watch sight lines	1880
436 N.Main	528.5N	QUNA+Highpoint	AECA3_B	TIAM+AmericanSentry	New shade	1834
436 N. Main	529.5N	HAVI+AutumnMoon	AM_Jaevis+SpringFlurry-TF	BENI+LittleKing-TF	NULL	1834
399 N. Main	53.5R	NYSY+Majestic	CACA+Palisade	AMCA+RainbowPillar	Watch wires	1880
418 N. Main	530.R	HAVI+AutumnMoon	AM_Jaevis+SpringFlurry-TF	HAX+ArnoldsPromise-TF	NULL	1956
412 N. Main	533.1RU	HAVI+AutumnMoon	HACA+UconnWeddingBell	CHRE+ChinaSnow	Pine shades	1904

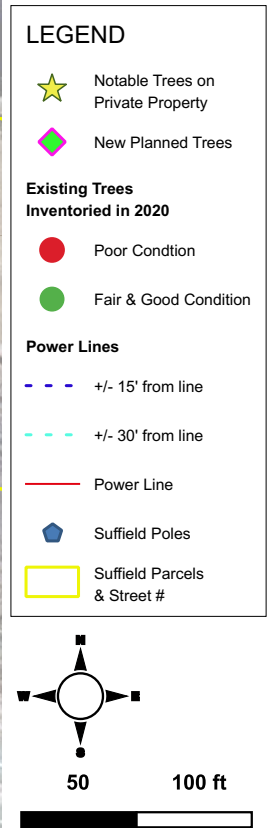
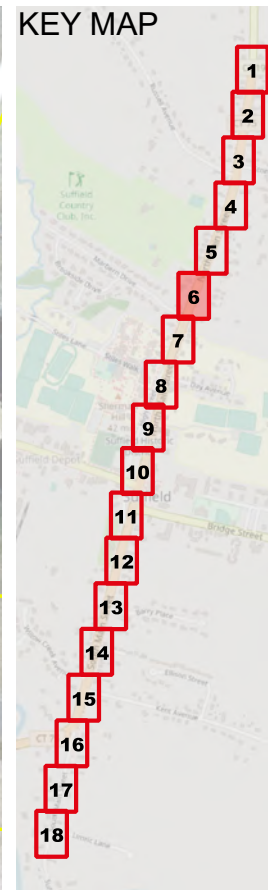
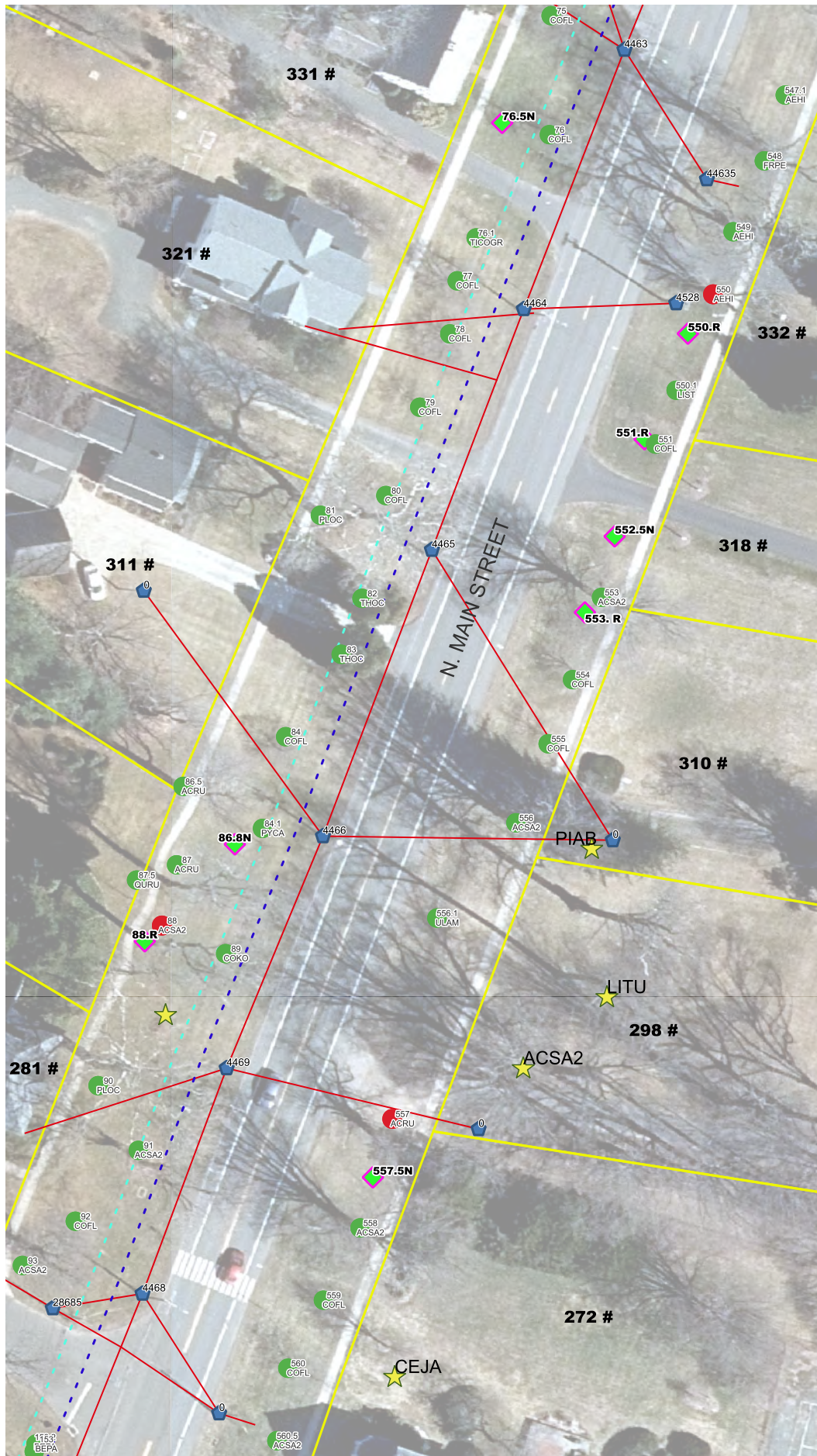


Recommended Trees - Plan

All Information on these maps shall be used for planning purposes only. This information does not constitute a survey, and shall not be considered accurate. **Always Call Before You Dig to verify underground utilities. Also verify overhead utilities.**

Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
399 N. Main	54.5N	CACA+Palisade	AMCA+RainbowPillar-TF	OXAR	Match 54.7N, 54.6N & 54.5N	1880
399 N. Main	54.6N	CACA+Palisade	AMCA+RainbowPillar-TF	OXAR	Match 54.7N, 54.6N & 54.5N	1880
399 N. Main	54.7N	CACA+Palisade	AMCA+RainbowPillar-TF	OXAR	Match 54.7N, 54.6N & 54.5N	1880
356 N. Main	542.5N	QUMA1+Cobblestone	GYDI+Espresso	TIAM+Boulevard	New shade tree	1850
356 N. Main	542.N	GLTR+NorthernAcclaim	TIAM+AmericanSentry	LITU+EmeraldCity	No wires	1850
371 N. Main	60.R	OSVI+Autumn Treasure	FRAL	ACGRX+CinnamonGirl	Under shade of PLOC	1938

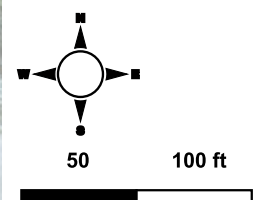
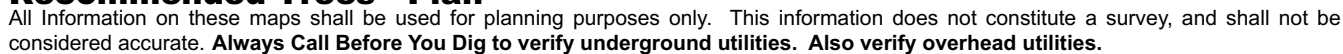


Recommended Trees - Plan

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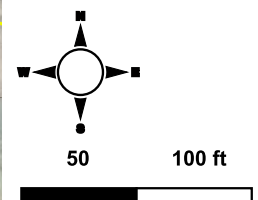
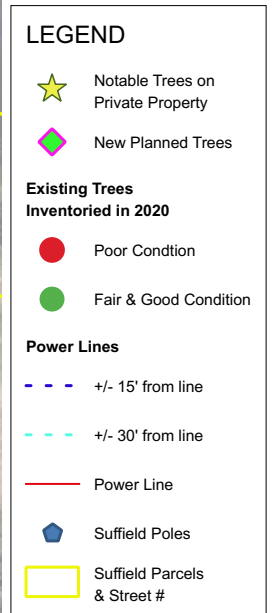
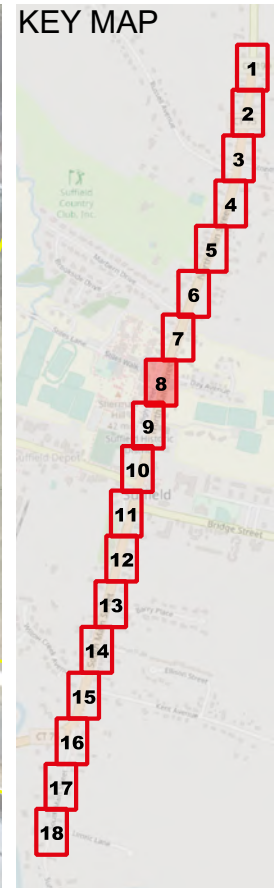
Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
332 N. Main	550.R	ACSA2+AutumnFest	CABE	ACFR+Celebration	Pole	1850
318 N. Main	551.R	CRCRI+Crusader	AM_laevis+SpringFlurry-TF	HAVI+AutumnMoon	Dogwood weak	1900
318 N. Main	552.5N	CRCRI+Crusader	AM_laeivs+Cumulus-TF	HAVI+AutumnMoon	NULL	1900
310 N. Main	553. R	TIAM+Redmond	JUNI	QUCO	NULL	1900
272 N. Main	557.5N	MAVI+Moonglow	AMUT+AutBrill-TF	CECA-TF	NULL	1903
331 N. Main	76.5N	ULAM+NewHarmony	ACRU+SunValley	GLTR+StreetKeeper	Plant close to walk	1773
311 N. Main	86.8N	AECA3_B	GIBI+Saratoga	PAPE+Vanessa	Shade tree to replace canopy	1865
281 N. Main	88.R	QU_macdanielii+Clemons	QUSH	QUMU	Walk curves, lot no house	1800



Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
11 Marbern	151.P	MA1+YellowBird	ILOP+JerseyPrincess	ABCO	New tree on private property	1950
11 Marbern	152.N	QUAL	TIAM+AmericanSentry	MAAC	NULL	1950
11 Marbern	154.R	MEGL	QULY	LADE	Big tree unique OK	1950
241 N. Main	159.R	QUPH	ACSA2+WrightBrothers	QUCO	NULL	1763
241 N. Main	165.R	ACRU+CLMP	BENI+Duraheat-CLMP	NYSY+GreenGable	NULL	1762
257 N. Main	166.N	ACSA2+FallFiesta	CEOC+Magnifica	GYDI+DeCaf	Big OK	1862
219 N. Main	169.5N	ACSA2+AutumnSplendar	ILOP+Satyr Hill	GIBI+GoldenColonnade	Nathena Fuller-watch wires	1849
227 N. Main	169.R	BENI+LittleKing-TF	Heptacodium_minonoides	COAL-TF	Wire	1900
258 N. Main	564.N	ACSA2+WrightBrothers	ACRU+RedPointe	GIBI+Saragtoga	Plant 1/2 width min from wires	1904
252 N Main	567.5N	ACRU+Redpointe	LITU_EmeraldCity	GIBI+AutumnGold	Plant min tree width from wires	1904
222 N. Main	569.N	CECA-TF	AMUT+AutBrill-TF	HAX+ArnoldsPromise-TF	Wires	1870
222 N. Main	573.5N	CECA-TF	AMUT+AutBrill-TF	COAL-TF	NULL	1870

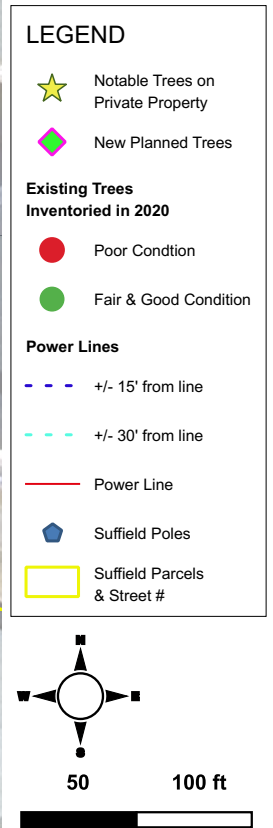
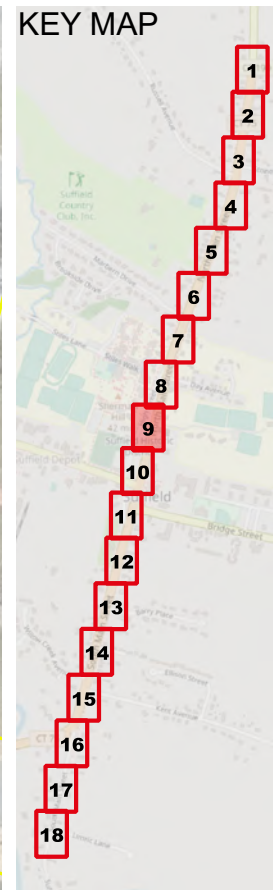


Recommended Trees - Plan

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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
Mid Green	1034.R	CHRE+ChinaSnow	HACA+UConnWeddingBells	AM_laevis+SpringFlurry-TF	Wires	NULL
North Green	1037.9N	TADI+LindseysSkyward	GIBI+GoldenColonnade	NYSY+Wildfire	NULL	NULL
North Green	1039.5N	QUMU	ACSA2+FallFiesta	MAAC	Large shade tree	NULL
North Green	1042.5N	PIST+Pendula-LRG	PRSU+Pendula	PIAB-Wpg-LrgMulti	Unique tree=statement	NULL
High St Brewster	174.5N	CEOC+ChicagoLand	PLAC+Columbia	ACSA2+WrightBrothers	Away from walk	NULL
High St Barnes	175.R	CEOC+Chicagoland	PLAC+Columbia	ACSA2+WrightBrothers	Match 174.5 to frame entry	NULL
High St Fuller	177.N	PLAC+Exclamation	PLAC+Columbia	PLAC	Match 176	NULL
High St Fuller	178.4N	ACSA2+BelleTower	ACFR+Marmo	GIBI+Magyar	Match 178, 178.2, 178.4	1872
High St Fuller	178.5N	ACSA2+BellTower	ACFR+Marmo	GIBI+Magyar	Match 178,178.2, 178,4	1872
High St Brewster	178.N	CAOV	ACFR+Marmo	GIBI+Magyar	NULL	1960
14 Day Ave	575.5N	PLAC+Columbia	PLAC+Columbia	PLAC+Columbia	Do not crowd sugar	1974
Suffield Academy	579.9N	ULAM+ColonialSpirit	QUX+RegalPrince	QUMA1+UrbanPinnacle	Suffield Academy	NULL
120 N. Main	580.3N	TI_mong.+HarvestMoon	AECA3_B	QUAL	NULL	NULL
120 N. Main	580.4N	PLOC	QU_macdanielli+Clemons	GYDI+Espresso	Go big	NULL
142 N. Main	580.5N	TITO+GreenMtn.	AECA3_B	QUAL	NULL	1820
Suffield Academy	580.R	TICO+Halka	AECA3_B	QUAL	NULL	NULL

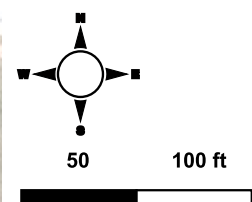
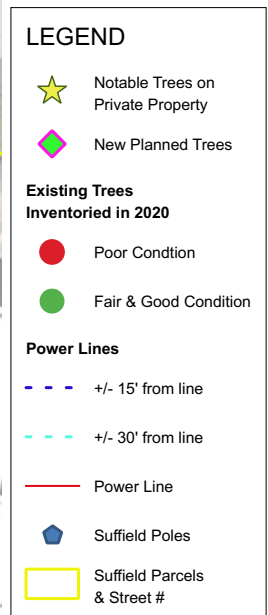
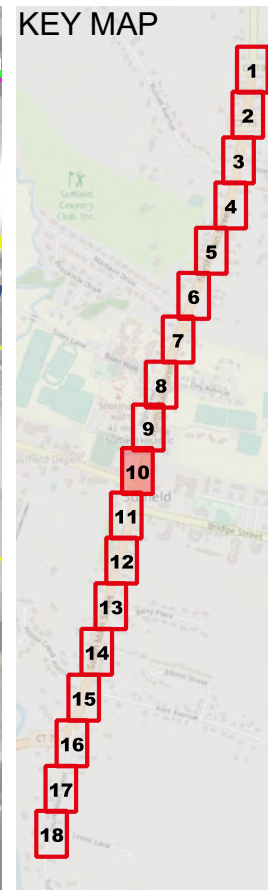
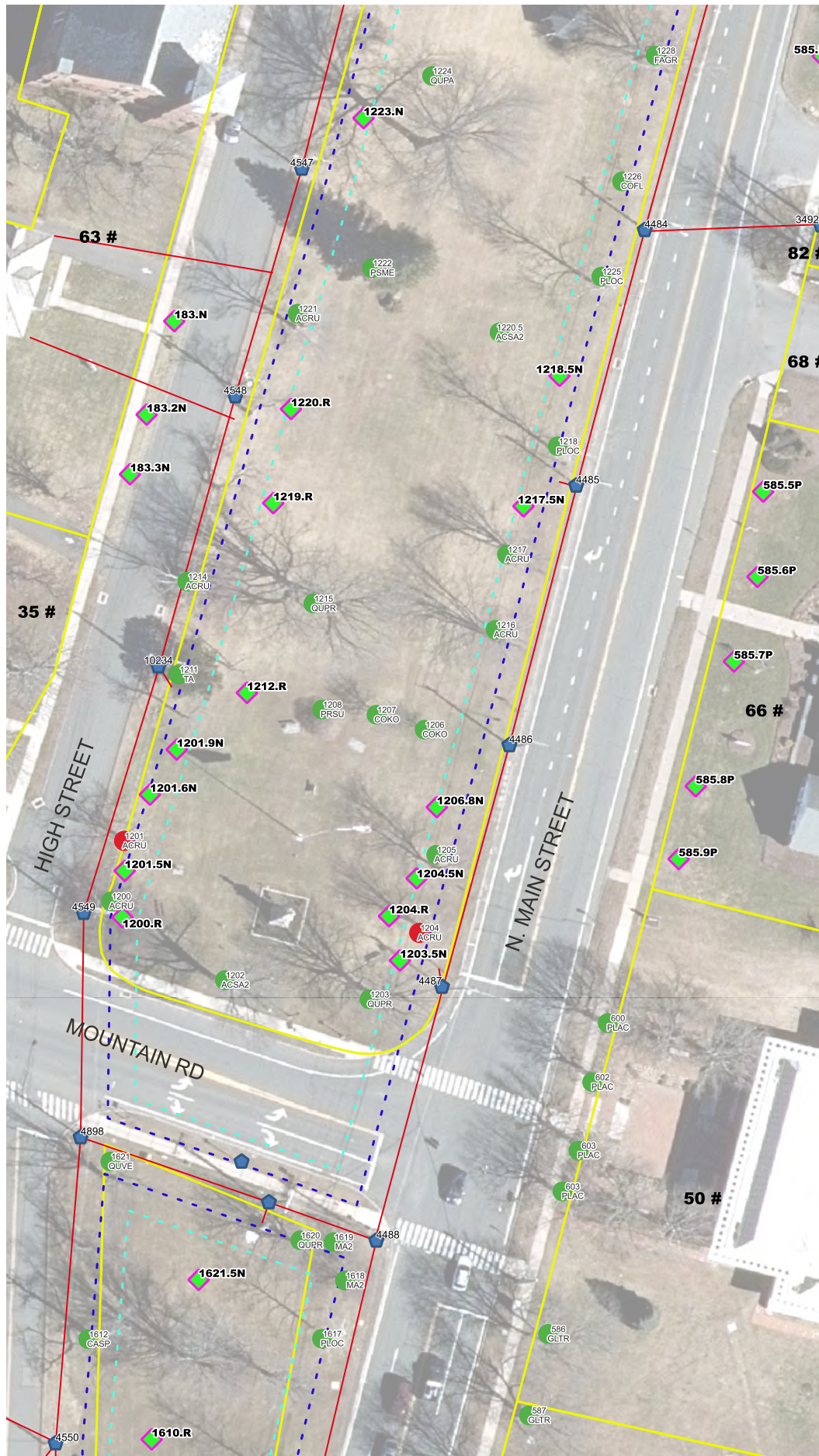


Recommended Trees - Plan

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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
North Green	1001.N	ACNI+GreenColumn	PIFL	THOC+Spiralis	Replaces Maples in time	NULL
Mid Green	1014.R	TIAM+Lincoln	GLTR+Moraine	QULY	NULL	NULL
North Green	1016.5N	ACFR+Matador	ACRU+Redpointe	NULL	Replaces Red Maples in time	NULL
North Green	1027.5N	MASO	MA1_Ioebneri	MA1+Butterflies	When beech gone	NULL
North Green	1029.5N	JUNI	EUUL	QUAL	Large shade tree	NULL
North Green	1208.5N	CAOV	LITU	TIAM_McSentry	NULL	NULL
Mid Green	1223.N	CABE+EmeraldAvenue	GIBI+Saratoga	TIAM+Boulevard	Plant 20' min. from wires	NULL
Mid Green	1230.R	PRSEAM	PRSE2	MAST+RoyalStar	NULL	NULL
Mid Green	1235.R	QUMA1+Urban Pinnacle	QUX+RegalPrince	QUPH+HighTower	Wires confines habit	NULL
High St Memorial	179.5N	QU_macdanielii_Clemons	QUPR	QURU	Memorial Bldg Updated to shade	2018
119 High Legare	182.2N	LIST+Cherokee	LITU+LittleVolunteer	ACFR+Matador	NULL	1977
99 High St	182.5N	CABE+EmeraldAvenue	ACSA2+JohnPair	GIBI+GoldenColonnade	Watch wires	1794
99 High St	182.6N	GIBI+GoldenColonnade	ACFR+Celebration	ACSA2+JohnPair	NULL	1794
99 High St	182.7N	LIST+GoldDust	ACFR+Celebration	GIBI+GoldenColonnade	NULL	1794
99 High St	182.8N	ACFR+Celebration	ACRU+RedSunset	GIBI+GoldenColonnade	NULL	1794
142 N. Main	580.9NU	QUX+RegalPrince	QULY+HighBeam	QUMA1+UrbanPinnacle	Match 581 to Frame Home	1820
142 N. Main	581.RU	QUX+RegalPrince	QULY+HighBeam	QUMA1+UrbanPinnacle	Match 580	1820
100 N. Main	582.5N	GIBI+PresidentialGold	CABE+EmeraldAvenue	CACA+Palisade	NULL	1840
82 N. Main	583.1N	COFL+Pendula	COMA-TF	COFLRU	NULL	1775
82 N. Main	584.1R	ULAM+New Harmony	LIST+Moraine	QUCO	Match tree 585.N	1775
82 N. Main	585.N	ULSX+Triumph	LIST+Moraine	QUCO	Replace to frame 82 N Main	1775

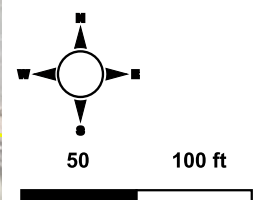
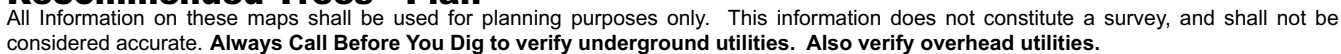


Recommended Trees - Plan

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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
Mid Green	1200.R	THOC	JUVI+EmeraldSentinel	ILOP+JerseyPrincess	Evergreen to screen poles	NULL
Mid Green	1201.5N	HAX+Jelana	HAX+ArnoldsPromise	HAX+Birget	Small flowering	NULL
Mid Green	1201.6N	HAX+ArnoldsPromise	HAX+Birget	HAX+Brimstone	Small ornamental	NULL
Mid Green	1201.9N	ACGRX+CinnamonGirl	CECA+CLMP	MAST+RoyalStar	NULL	NULL
Mid Green	1203.5N	HAX+Aurora	HAX+Jelena	HAX+Twilight	Mix colors 1 of each	NULL
Mid Green	1204.5N	HAX+Diane	HAX+OrangeEncore	HAX+Amethyst	Around statue area	NULL
Mid Green	1204.R	CEJA	MEGL	QUIM	NULL	NULL
Mid Green	1206.8N	ACGRX+CinnamonFlake	ACGR	BENI+LittleKing-CLMP	Ornamental for statue area	NULL
Mid Green	1212.R	COKO+Wolfeyes	MAST+CentennialBlush	Stewartia_pseudocamelia	Replaces Dogwood removed	NULL
Mid Green	1217.5N	PRSE2	SAOM	MA2+SparklingSprite	Wires	NULL
Mid Green	1218.5N	MA2+SparklingSprite	PRSE2	AMUT+PrincessDiane-TF	Wires	NULL
Mid Green	1219.R	PIFL+Vanderwolf	PIOM	PIAB+PaulsSelect	NULL	NULL
Mid Green	1220.R	CRCRI+Crusader	COCO1-TF	PRSE2	Small wires	NULL
Mid Green	1223.N	CABE+EmeraldAvenue	GIBI+Saratoga	TIAM+Boulevard	Plant 20' min. from wires	NULL
South Green	1610.R	CAOV	CASP	TICO+Halka	Large shade tree	NULL
South Green	1621.5N	CA_erubescen+Purpurea	CEOC+Chicagoland	QUBI	Large Shade-20'+from wired	NULL
63 High St	183.2N	NYSY+TupeloTower	GIBI+PrincetonSentry	GLTR+StreetKeeper	NULL	1905
63 High St	183.3N	GIBI+GoldenColonnade	LITU+LittleVolunteer	NYSY+TupeloTower	NULL	1905
63 High St	183.N	GLTR+StreetKeeper	AC_miyabei+StateStreet	CACA+FireSpire	NULL	1905
66 N. Main	585.5P	JUNI	QUPR	QURU	Match with all on 66 N Main	1969
66 N. Main	585.6P	QU_macdanielii+Clemons	QUPA	QURU	NULL	1969
66 N. Main	585.7P	QU_macdanielii+Clemons	QUPA	QURU	NULL	1969
66 N. Main	585.8P	JUNI	QUPA	QURU	NULL	1969
66 N. Main	585.9P	QUPA	QUPR	QURU	NULL	1969
82 N. Main	585.N	ULSX+Triumph	LIST+Moraine	QUCO	Replace to frame 82 N Main	1775

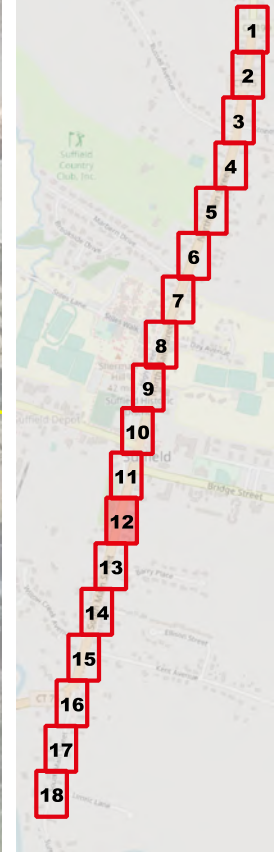


Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
South Green	1610.R	CAOV	CASP	TICO+Halka	Large shade tree	NULL
15 High St	226.5N	Stewartia_pseudocamelia	MAST	COKO+Wolfeyes	Showy ornamental tree here!	1786
55 S. Main	229.R	QUCO	QURU	LITU+EmeraldCity	Replace 229 with Oak	1726
55 S. Main	233.5N	LIST+Moraine	QUAL	PLAC+Columbia	Drain	1726
34 S. Main	683.5N	ACRU+SunVally	NULL	NULL	NULL	1900
34 S. Main	683.RU	GYDI+DeCaf	ASCA2+WrightBrothers	QURU	NULL	1900



KEY MAP



LEGEND

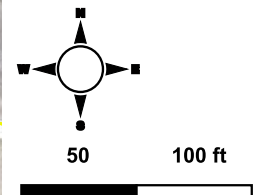
- ★ Notable Trees on Private Property
- ◆ New Planned Trees

Existing Trees Inventoried in 2020

- Poor Condition
- Fair & Good Condition

Power Lines

- - +/- 15' from line
- - +/- 30' from line
- Power Line
- ◆ Suffield Poles
- Suffield Parcels & Street #

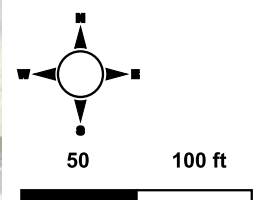
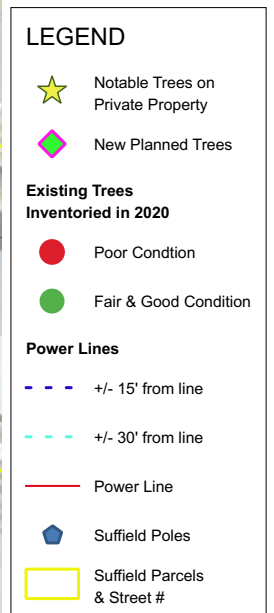
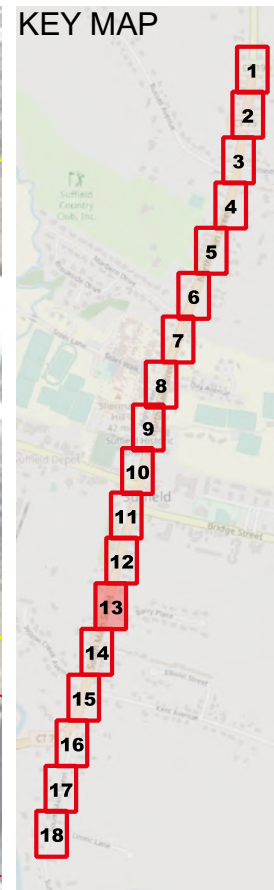
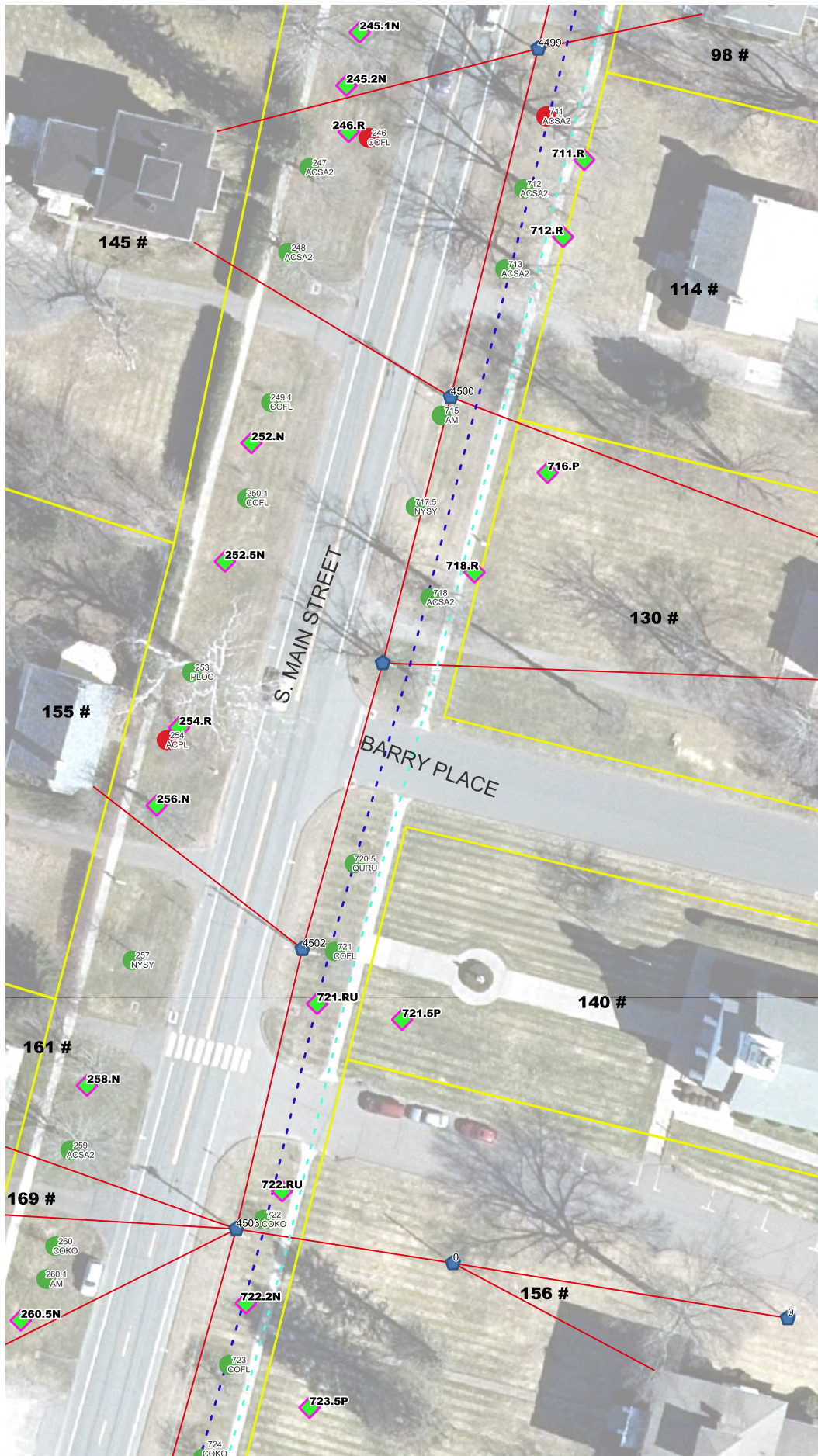


Recommended Trees - Plan

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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
55 S. Main	238.R	MAAC	ACRU+OctoberGlory	OSVI-TF	Place 10 yards south	1726
145 S. Main	245.1N	COKO	NULL	NULL	Match tree 245 (3 in Row)	1850
52 S. Main	690.RU	ACSA2+FallFiesta	OXAR	QUX+CrimsonSpire	NULL	1828
60 S. Main	693.R	COMA-TreeForm	CACA+Palisade	CRCRI+Crusader	25' from wires +/-	1824
78 S. Main	701.R	ACGRX+CinnamonGirl	AM_laevis+SpringFlurry-TF	CRCRI+Crusadar	Could be columnnar bigger	1767
88 S. Main	706.R	AMUT+AutBrill-TF	CECA-TF	NULL	PLOC to north	1740
98 S. Main	710.R	COAL-TF	MAVI+MoonGlow	CHRE+ChinaSnow	Close to powerlines	1856

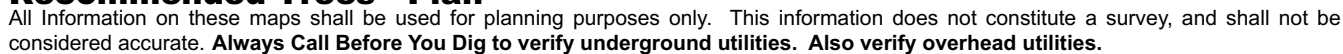


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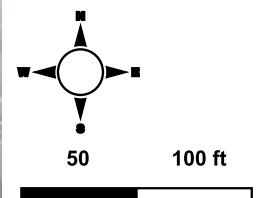
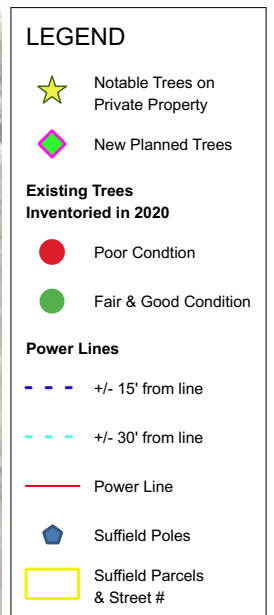
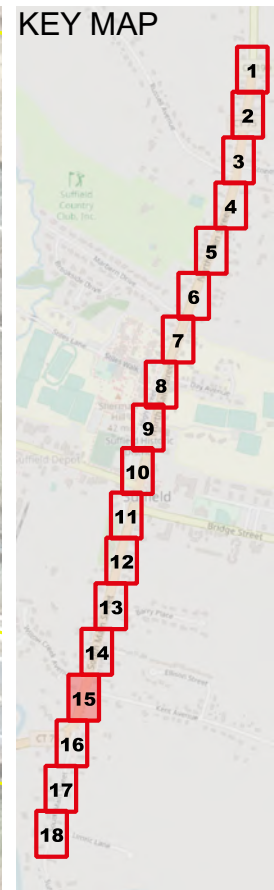
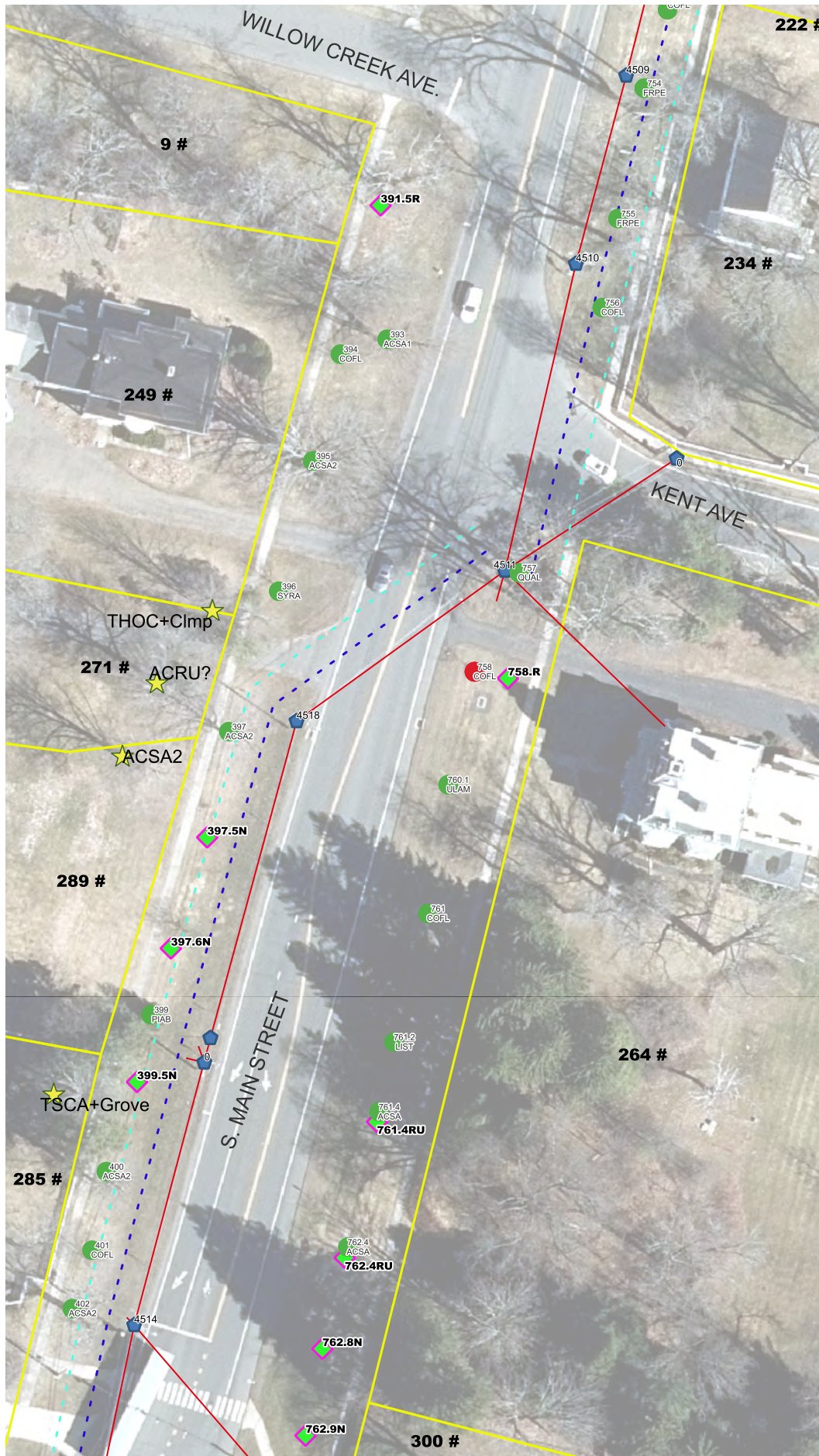
Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
145 S. Main	245.1N	COKO	NULL	NULL	Match tree 245 (3 in Row)	1850
145 S. Main	245.2N	COKO	NULL	NULL	3 in row wire OH Wire	1850
145 S. Main	246.R	MAST	Stewartia_pseudocamelia	BENI+FoxValley	Wires	1850
155 S. Main	252.5N	ACSA2+John Pair	OSVI+AutumnTreasure	LITU+LittleVolunteer	Some shade from PLOC	1795
145 S. Main	252.N	LIST+Happidaze	GIBI+AutumnGold	ACRU+BrandyWine	356 ash gone- replace	1850
155 S. Main	254.R	NYSY+Gumdrop	OXAR	MAVI	Low	1795
155 S. Main	256.N	AM_laevis+SpringFlurry-TF	MAVI+TF	NYSY+Gumball	Watch wires	1795
161 S. Main	258.N	ACSA2+JohnPair	ACRU+SunValley	MASO	Bookend existing sugar maple	1787
169 S. Main	260.5N	COKO+Satomi	NULL	NULL	Watch wires, need low grower	1914
114 S. Main	711.R	NYSY+GreenGable	TIAM+AmericanSentry	ULAM+ColonialSpirit	Protect sidewalk w/barrier	1952
114 S. Main	712.R	TIAM+American Sentry	ULAM+ColonialSpirit	NYSY+GreenGable	Protect sidewalk w/barrier	1952
130 S. Main	716.P	ACRU+OctoberGlory	QUMU	TIAM+Redmond	When replacing 718	1812
130 S. Main	718.R	QUX+CrimsonSpire	AM_Laevis+SpringFlurry-TF	NULL	Replacement for Sugar	1812
140 S Main	721.5P	JUNI	QUSH	GYDI+DeCaf	Big shade tree in lawn	1952
140 S. Main	721.RU	ACGRX+CinnamonFlake	CECA	CHRE+ChinaSnow	Wires	1940
156 N. Main	722.2N	JUVI+EmeraldSentinel	OXAR	COMA+SaffronSentinel	Medium	1860
156 S. Main	722.RU	AMCA+RainbowPillar-TF	CACA+FireSpire	GIBI+PrincetonSentry	Wire, watch site triangle	1860
156 S. Main	723.5P	TIAM+Redmond	QUBI	CEOC+Magnifica	Open field	1880



Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
195 S. Main	376.RU	ACGRX+CinnamonGirl	CACA+Palisades	HAVI+AutumnMoon	Wires west, south	1800
221 S. Main	381.5N	QUAL	QURU	TIAM+Redmond	No wires, go big	1880
221 S. Main	381.RU	ILOP+SatyrHill	ACRU+BrandyWine	CECO+PrairiePride	wire to N	1880
221 S. Main	382RU	MA+SparklingSprite	MASO	Stewartia_psuedocamelia	NULL	1870
225 S. Main	385.5N	CECA+AppalachianRed-TF	HAVI+AutumnMoon	NULL	Watch wires	1880
225 S. Main	391.R	AM_iaevis+Cumulus-TF	BEPO-TF	CRCRI+Crusader	Watch site lines, limb up	0
156 S. Main	723.5P	TIAM+Redmond	QUBI	CEOC+Magnifica	Open field	1880
156 S. Main	724.5P	PIST	PLAC+Exclamation	QUMU	Open field, 40' from wires	1860
156 S. Main	725.5P	GYDI+DeCaf	ILOP+JerseyPrincess	LITU+EmeraldCity	Open field	1880
156 S. Main	726.5N	ACGRX+CinnamonGirl	AMUT-ColesSelect	BENI+LittleKing	Do not crowd	1860
156 S. Main	726.RU	BENI+LittleKing-Single	AMUT+ColesSelect	MAVI+MoonGlow	Wires	1860
156 S. Main	727.1N	HAVI_AutumnMoon	CRCRI_Crusader	COCA-TF	Wires	1860
214 S. Main	729.1R	NYSY+TupeloTower	OXAR	NULL	Shape or replace 729.1	1890
200 S. Main	729.3N	MA2+RubyDaze	AM_iaevis+Cumulus-TF	CRCRI+Crusader	NULL	0
200 S. Main	729.5N	COAL-TF	MAVI+Moonglow	NULL	NULL	0
178 S. Main	729.6N	MA2+Adirondack	AM_iaeivs+Cumulus-TF	CRCRI+Crusader	Watch wires, drains	1875
200 S. Main	729.R	AMUT+AutBrill-TF	MAST-RoyalStar	NULL	729 possibly in 10 years	0

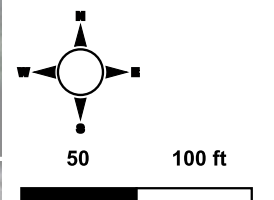
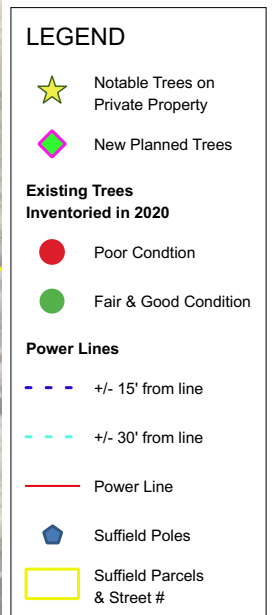
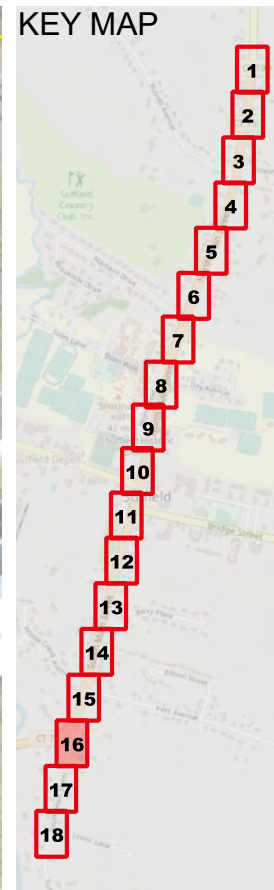
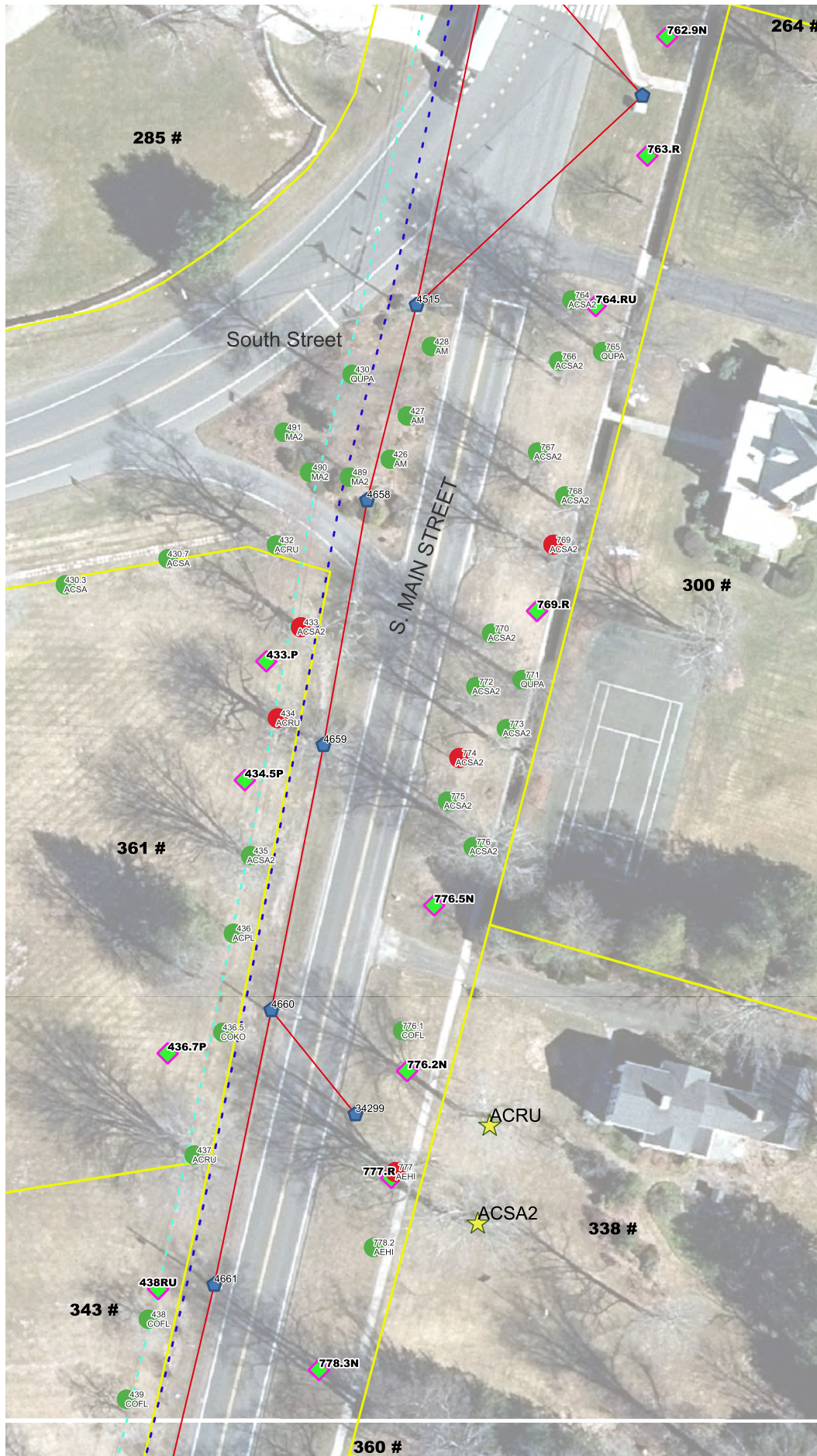


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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
9 Willow Creek	391.5R	OSVI+AutumnTreasure	NYSY+Majestic	QUBI+AmericanDream	Manhole watch roots, sight lines	1998
289 S. Main	397.5N	ACSA2+Legacy	GIBI+Saratoga	ILOP+JerseyPrincess	Match with 397.6	1997
289 S. Main	397.6N	ACSA2+Legacy	GIBI+Saratoga	ILOP+JerseyPrincess	Match with tree 397.5N	1997
285 S. Main	399.5N	COAL-TF	MAVI	PRSESH	NULL	1794
264 S. Main	758.R	MAVI	AMUT+AutBrill-TF	HAVI+AutumnMoon	Tree closer to walk watch drains	1870
264 S Main	761.4RU	LITU+EmeraldCity	CAOV	CA_erubenscens	NULL	1870
264 S. Main	762.4RU	ACRUOG	ACSA2+WrightBrothers	QURU	NULL	1870
264 S. Main	762.8N	ILOP+JerseyPrincess	MEGL	NULL	NULL	1870
300 S. Main	762.9N	LIST+Happidaze	CRJA+Yoshino	ULAM+ColonialSpirit	NULL	1934

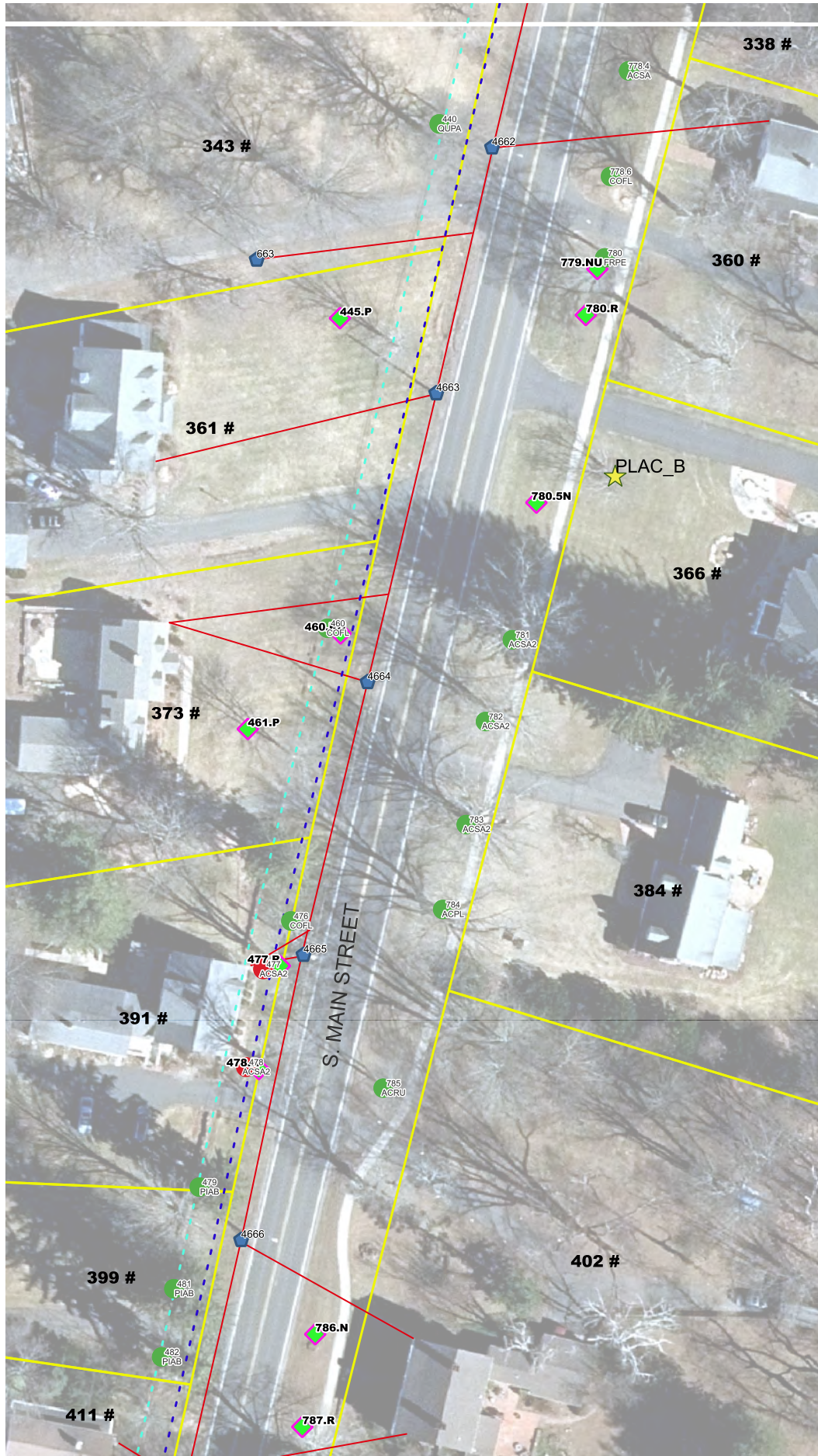


Recommended Trees - Plan

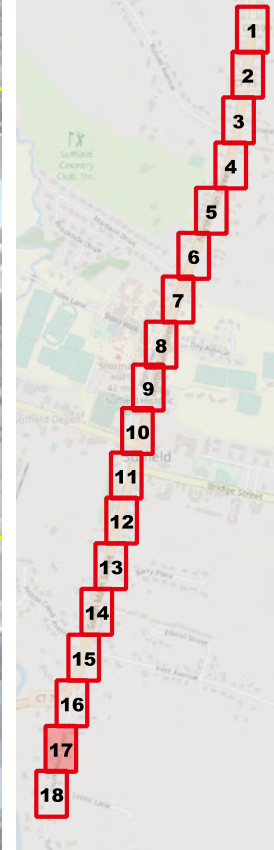
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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
361 South St	433.P	CAOV	ACSA2+FallFiesta	QUAL	Go big	1900
361 South St	434.5P	PLOC	GYDI+Espresso	MAAC	Big bold shade	1900
361 South St	436.7P	GYDI+Espresso	MAAC	AECA3_B	Big bold shade	1900
342 S. Main	438RU	HACA+UconnWeddingBell	HAX+ArnoldsPromise	MA1+Daybreak	15' from wires	1958
300 S. Main	762.9N	LIST+Happidaze	CRJA+Yoshino	ULAM+ColonialSpirit	NULL	1934
300 S. Main	763.R	LITU+LittleVolunteer	ACFR+Celebration	BENI+CitySlicker	Replacement moves slightly north	1934
300 S. Main	764.RU	ACRU+Redpointe	QUX+CrimsonSpire	QUBI+AmericanDream	NULL	1934
300 S. Main	769.R	ACFR+Armstrong	GIBI+GoldenColonnade	ACFR+Matador	Part of grove	1934
338 S. Main	776.2N	ACRU+RedSunset	NYSY+GreenGable	LIST+Cherokee	Plant on side of pole	1810
300 S. Main	776.5N	QUCO	LIST+Happidaze	QUPA	At fire hydrant	1934
338 S. Main	777.R	NYSY+GreenGable	ILOP+StyrHill	QUMA1+UrbanPinnacle	Very wet area	1808
338 S. Main	778.3N	LITU+EmeraldCity	QUCO	QURU	NULL	1810



KEY MAP



LEGEND

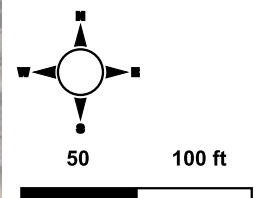
- ★ Notable Trees on Private Property
- ◆ New Planned Trees

Existing Trees Inventoried in 2020

- Poor Condition
- Fair & Good Condition

Power Lines

- - - +/- 15' from line
- - - +/- 30' from line
- Power Line
- ◆ Suffield Poles
- Suffield Parcels & Street #

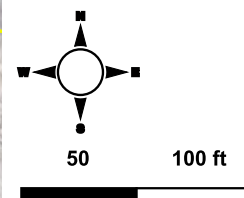
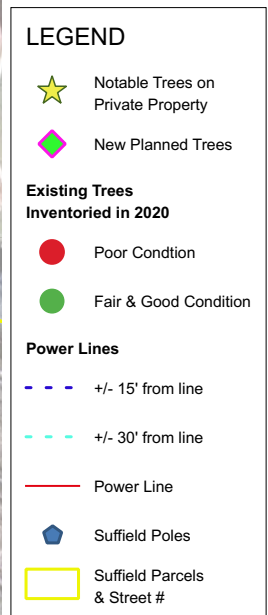
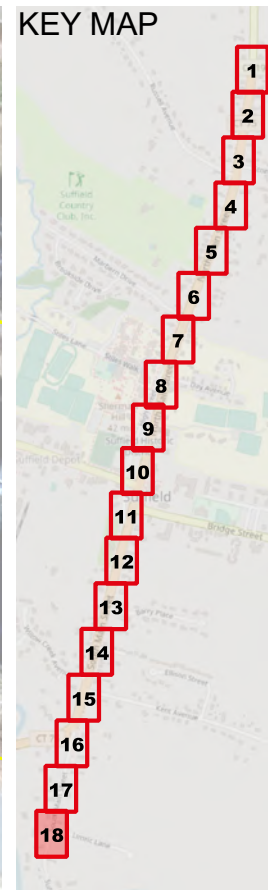


Recommended Trees - Plan

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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
361 S.Main	445.P	GLTR+Moriane	ACRUOG	PIST	Open yard	1900
373 S. Main	460.RU	AM_Laevis+Cumulus	CACA+Palisade	COMA+SaffronSentinel	Wires	1937
373 S. Main	461.P	ACSA2+FallFiesta	GLTR+Moriane	ILOP+JerseyPrincess	NULL	1937
391 S. Main	477.R	AMCA-CLMP	HACA	HAVI+AutumnMoon	Wires overhead	1720
391 S. Main	478.R	AMCA+TF	HACA-TF	CACA	Wires, watch sight lines	1720
360 S. Main	779.NU	COFL	MAVI+MoonGlow	AMCA+RainbowPillar	NULL	1810
366 S. Main	780.5N	LITU+EmeraldCity	QUCO	QURU	Frame view of house	2017
360 S. Main	780.R	QUMU	QUIM	MASO+TF	When Ash removed	1810
402 S. Main	786.N	ACSA2+Legacy	ULS+Variety	GYDI+DeCaf	Watch wires	1797
402 S. Main	787.R	ACGR+CopperRocket	AMUT+AutBrill-TF	CACA+FireSpire	Upright keep view of home-wires	1797



Recommended Trees - Plan

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Recommended Trees - sorted by NewTree#

Address	NewTree#	1_ICODE+	2_ICODE+	3_ICODE	Comment	HistYear
402 S. Main	787.R	ACGR+CopperRocket	AMUT+AutBrill-TF	CACA+FireSpire	Upright keep view of home-wires	1797
432 S. Main	788.2P	ABBA	PIST	QUMA1+Cobblestone	Go big evergreen / shade	1827
OpenSpace	789.N	CEOC+PrairePride	QUAL	LIST+Happidaze	Plant between stumps	NULL
OpenSpace	790.N	PLOC	QUAL	LIST+Happidaze	Plant between stumps	NULL

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Planting Plan for Historic Main Street Suffield CT

Key

ICode Legend and Notes		Species Code	NR	ScientificName	CommonName
Coding Key	(in general)	AB		Abies species	Fir
AM	Amelanchier	ABBA		Abies balsamea	Balsam fir
	First two letters = genus	ABCO		Abies concolor	Concolor Fir
AMCA	canadensis	AC		Acer species	Maple
	Second 2 letters = species (Occasionally there will be a third letter or number if needed to clarify)	ACFR		Acer x freemanii	Freeman maple
AM_laevis	Amelanchier laevis	ACGR		Acer griseum	Paperbark maple
	underline between Genus and species indicates a species not listed in the I-Tree species code list	ACGR3		Acer grandidentatum	Bigtooth maple
AM_laevis+	Cumulus. plus (+) indicates next word is the variety	ACGRX		Acer griseum hybrid	Paperbark maple
		ACNI		Acer nigrum (saccharum sub nigra)	Black maple, Canyon Maple
Heptacodium_minonoides.	When a plant is not in I-trees the genus and species is spelled out	ACPA		Acer palmatum	Japanese maple
		ACPL	R.X	Acer platanoides	Norway maple
		ACPS	L	Acer pseudoplatanus	Sycamore maple
		ACRU		Acer rubrum	Red maple
-TF	Indicates that the tree form of the plant is desired	ACSA1	x	Acer saccharinum	Silver maple
		ACSA2		Acer saccharum	Sugar maple
-CLMP	Indicates that the clump form of the plant is desired	AECA3 B		Aesculus carnea 'Briotii'	Red horsechestnut 'Briotii'
		AEHI		Aesculus hippocastanum	Horsechestnut
X	Indicates a hybrid, for example HAX is Hamamelis x intermedia hybrid	AM		Amelanchier species	Serviceberry
	crosses between Japanese witch hazel (H. japonica) and Chinese witch hazel (H. mollis). And also other hybrids such as the Witch Hazel variety called Amethyst- which is several crosses different species.	AM_laevis		Amelanchier laevis	Downy Shadblow
		AMAR		Amelanchier arborea	Downy serviceberry
		AMCA		Amelanchier canadensis	Eastern service berry
		AMUT		Amelanchier x Grandiflora 'Autumn'	Utah serviceberry
Tree Numbering		ASTR		Asimina triloba	Pawpaw
1 to 588	Starting at 603 North Main (near Mapleton Ave traveling south on the west side (also down High Street around the green) to 451 South Main	BE		Betula species	Birch
500 to 792	Starting at 309 Mapleton Ave traveling on the east side south (and including the trees on Bridge St at the Veteran's Memorial) to 498 South Main	BEAL		Betula alleghaniensis	Yellow birch
1600s	South Green	BENI		Betula nigra	River birch
1200s	Mid Green	BEPA		Betula papyrifera	Paper birch
1000s	North Green	BEPO		Betula populifolia	Gray birch
100.0	Most numbers run sequentially using 1 to 6 digits	CA40		Carpinus species	Hornbeam
Suffixes to tree number		CABE		Carpinus betulus	European hornbeam
N	N indicates a new tree	CACA		Carpinus caroliniana	American hornbeam
NU	indicates a new tree added after the review process	CAER		Catalpa erubescens	Purple Toned Catalpa
P	indicates a tree recommended on private property	CAJA		Carpinus japonica	Japanese hornbeam
R	indicates a tree that replaces an existing tree after it is removed.	CAOV		Carya ovata	Shagbark Hickory
RU	indicates a replacement tree added after the review process	CASP		Catalpa speciosa	Northern Catalpa
		CE2		Celtis species	Hackberry
		CECA		Cercis canadensis	Eastern redbud
		CEJA		Cercidiphyllum japonicum	Katsura tree
		CELA		Celtis laevigata	Sugarberry
		CEOC		Celtis occidentalis	Northern hackberry
		CHRE		Chionanthus retusus	Chinese fringe tree
		CLLU		Cladrastis kentukea	Yellowwood
		CO1		Cornus species	Dogwood
		CO2		Corylus species	Hazelnut
		COAL		Cornus alternifolia	Alternateleaf dogwood
Columns below		COAM		Corylus americana	American hazelnut
NR =	These trees are not recommended but trees in category D should be reviewed in the future for potential solutions to disease, pest and varieties with more desirable traits.	COCO1		Cotinus coggygria	Smoke tree
L	Listed as restricted by state statute and on the CT Invasive Plant List*	COFL		Cornus florida	Flowering dogwood
R	Shown on the Early Detection and Requiring research for potential invasiveness on the Connecticut Invasive Plant Working Group (CIPWG) webpage	COKO		Cornus kousa	Kousa dogwood
D	Disease and pest pressure at the present time creates a maintenance burden and could reduce its long term viability, but new resistant varieties may be available in the future	COMA		Cornus mas	Cornelian cherry
X	trees not approved by CT DOT	COOB		Cotinus obovatus	American smoketree
		CR		Crataegus species	Hawthorn
		CRCR		Crataegus crus-galli	Cockspur hawthorn
		CRCRI		Crataegus crusgalli var. inermis	Cockspur hawthorn

* https://cipwg.uconn.edu/invasive_plant_list/
https://cipwg.uconn.edu/early_detection/
<https://plants.sc.egov.usda.gov/home/NoxiousInvasiveSearch>

Species Code	NR	ScientificName	CommonName	Species Code	NR	ScientificName	CommonName
CRVI		Crataegus viridis	Green-leaved Virginia hawthorn	PLOR		Platanus orientalis	Oriental planetree
CRJA		Cryptomeria japonica	Japanese red cedar	PR		Prunus species	
EUUL		Eucommia ulmoides	Hardy rubber tree	PRSE1		Prunus serotina	Quercus nutallii
FA	D	Fagus species	Beech	PRSE2		Prunus serrulata	Kwanzan cherry
FAGR	D	Fagus grandifolia	American beech	PRSEAM		Prunus serrulata 'Amanogawa'	Amanogawa cherry
FASY	D	Fagus sylvatica	European beech	PRSESH		Prunus serrulata 'Shirofugen'	Shirofugen cherry
FR	D	Fraxinus species	Ash	PRSU		Prunus subhirtella	Higan cherry
FRAL		Franklinia alatamaha	Franklinia	PYRE		Prunus x yedoensis	Akebono cherry
FRAM	D	Fraxinus americana	White ash	PSME		Pseudotsuga menziesii	Douglas fir
FRPE	D	Fraxinus pennsylvanica	Green Ash	PY		Pyrus species	Pear
GIBI		Ginkgo biloba	Ginkgo	PYCA	R	Pyrus calleryana	Callery pear
GIBI(F)		Ginkgo biloba, female	Female ginkgo	QU		Quercus species	Oak
GL3		Gleditsia species	Locust	QUAC		Quercus acutissima	Sawtooth oak
GLTR		Gleditsia triacanthos	Honeylocust	QUAL		Quercus alba	White oak
GYDI		Gymnocladus dioicus	Kentucky coffeetree	QUBI		Quercus bicolor	Swamp white oak
HACA		Halesia carolina	Snowdrop tree	QUCO		Quercus coccinea	Scarlet oak
HAVI		Gymnocladus virginiana	Witch hazel	QUEL		Quercus ellipsoidalis	Northern pin oak
HAVI		Hamamelis virginiana	Witch hazel	QUIM		Quercus imbricaria	Shingle oak
HAX		Hamamelis hybrids		QULY		Quercus lyrata	Overcup oak
Heptacodium_minonoides			Seven Son	QUMA1		Quercus macrocarpa	Bur oak
HISY		Hibiscus syriacus	Rose-of-sharon	QUMU		Quercus muehlenbergii	Chinkapin oak
ILOP		Ilex opaca	American holly	QUNA		Quercus nutallii	
ILSP		Ilex species	Holly	QUPA		Quercus palustris	Pin oak
JU		Juniperus species	Juniper	QUPH		Quercus phellos	Willow oak
JUNI		Juglans nigra	Black walnut	QUPR		Quercus prinus	Chestnut oak
JUVI		Juniperus virginiana	Eastern red cedar	QURO		Quercus robur	English oak
LA10		Larix species	Larch	QURU		Quercus rubra	Northern red oak
LADE		Larix decidua	European larch	QUSH		Quercus shumardii	Shumard oak
LIST		Liquidambar styraciflua	Sweetgum	QUVE		Quercus velutina	Black oak
LITU		Liriodendron tulipifera	Tulip tree	QUX		Quercus hybrid english oaks	Hybrid English oaks
MA1		Magnolia species	Magnolia	SO		Sorbus species	Mountain ash
MA1		Magnolia species	Magnolia	SOAM		Sorbus americana	American mountain ash
MA2		Malus species	Apple			Stewartia pseudocamellia	Japanese stewartia
MAAC		Magnolia acuminata	Cucumber tree	SYRA		Syringa reticulata	Japanese tree lilac
MASO		Magnolia soulangiana	Pyramid magnolia	SYSP		Syringa species	Lilac
MAST		Magnolia stellata	Star magnolia	TA		Taxus species	Yew
MAVI		Magnolia virginiana	Sweetbay	TACA		Taxus canadensis	Canada yew
MEGL		Metasequoia glyptostroboides	Dawn redwood	TADI		Taxodium distichum	Baldcypress
NYSY		Nyssa sylvatica	Black tupelo	TH9		Thuja species	Red cedar
OSVI		Ostrya virginiana	Eastern hophornbeam	THOC		Thuja occidentalis	Northern white cedar
OXAR		Oxydendrum arboreum	Sourwood	TI		Tilia species	Basswood
PAPE		Parrotia persica	Persian ironwood	TIAM		Tilia americana	American basswood
PI1		Picea species	Spruce	TICO		Tilia cordata	Littleleaf linden
PI2		Pinus species	Pine	TICOG		Tilia cordata 'Greenspire'	Littleleaf linden 'Greenspire'
PIAB		Picea abies	Norway spruce	TIHE		Tilia americana var. heterophylla	White basswood
PIFL		Pinus flexilis	Limber pine	TIPL		Tilia platyphyllos	Bigleaf linden
PIOM		Picea omorika	Serbian spruce	TITO		Tilia tomentosa	Silver linden
PIPU		Picea pungens	Blue spruce	TSCA		Tsuga canadensis	Eastern hemlock
PIUGL		Picea pungens 'glauca'	Blue spruce	ULAM		Ulmus american	Liberty elm
PIST		Pinus strobus	Eastern white pine	ULS		Ulmus species	Elm
PL3		Platanus species	Sycamore	VISP2		Viburnum species	Viburnum
PLAC		Platanus hybrida	London planetree	ZE		Zelkova species	Zelkova
PLAC_B		Platanus acerifolia 'Bloodgood'	London planetree 'Bloodgood'	ZESE		Zelkova serrata	Japanese zelkova
PLOC		Platanus occidentalis	American sycamore				

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Planting Plan for Historic Main Street Suffield CT

Tree Selection List

Tree Selection List for Historic Main Street and Greens- Suffield CT

1600-1699	1700-1775	1776-1850	1850-1900 Other	Used in 10 yr Planting Plan	ITREES Code	Common	Botanical	(Family) Trade Name	'Variety'	North American Native	Zone: Suffield zone 6a	Soil/water requirements	Sun Requirments <small>see last page for definitions</small>	Special features & other comment	H in feet	W in feet	Form
ABIES - Fir (Family = Pinaceae)																	
	X			x	ABAB	Balsam Fir	Abies balsamea			y	3 to 6	medium-well drained	full sun to full shade	EG-Fragrant	50-70	15-25	pyramidal -conical
			X	x	ABCO	White Fir	Abies concolor				3 to 7	medium	full sun to part shade		80-130	40-70	conical-narrow
ACER - Maple (Family= Sapindaceae)																	
			1959	x	ACNI+GreenColumn	Rock Maple	Acer saccharum subsp. nigrum	'Green Column'		y	4 to 8	medium	full sun to part shade		50-60	20-30	upright columnar
			1907	x	ACGR+CopperRocket	Paperbark Maple	Acer griseum	JFS KW22AGRI' Copper Rocket			5 to 8	moist but well drained	full sun to part shade	bark	25	12	columnar-narrow
			1907	x	ACGI	Paperbark Maple	Acer griseum				4 to 8	medium	full sun	bark	20-30	15-35	oval to round
			2008	x	ACGRX+CinnamonFlake	Cinnnamon Girl Maple	Acer griseum X A. maximowiczianum	'Cinnamon Flake'			5 to 8	medium-drought tolerant	full sun to part shade	bark	20-30	15-30	upright oval
			2008	x	ACGRX+CinnamonGirl	Cinnnamon Girl Maple	Acer griseum X A. maximowiczianum	'Molly Fordham' Cinnamon Girl			5 to 8	moist but well drained	full sun to part shade	bark	20-20	15-25	upright oval
			1988	x	AC_miyabei+StateStreet	Miyabei Maple	Acer miyabei	'Morton' State Street			4 to 7	tolerant wet, dry, clay alkaline	full sun to part sun		40-45	30-35	oval to round, upright
		X			ACPA	Japanese Maple	Acer palmatum	Bloodgood, Weeping, etc		N	5 to 9	moist but well drained	full sun to part shade	foliage, form	varies	varies	varies with Variety
X			X	x	ACRU	Red Maple	Acer rubrum -in variety			y	3 to 9	medium to wet	full sun to part shade	Surface roots can be aggressive	40-70	30-50	many
				x	ACRU+Redpointe	Red Maple	Acer rubrum	'Frank Jr.' Redpointe (r)		y	5 to 8	tolerant prefers moisture	full sun to part shade		45	30	broad pyramidal
				x	ACRU+BrandyWine	Red Maple	Acer rubrum	'Brandy Wine'		y	4 to 9	tolerant prefers moisture	full sun to part shade		35-50	25-40	oval
				x	ACRURS	Red Maple	Acer rubrum	'Franks Red' Red Sunset		y	4b-8	tolerant prefers moisture	full sun to part shade		45-50	25-40	oval-upright
				x	ACRUQG	Red Maple	Acer rubrum	'October Glory'		y	4 to 9	tolerant prefers moisture	full sun to part shade		40-50	30-40	oval rounded
				x	ACRU+SunValley	Red Maple	Acer rubrum	'Sun Valley'		y	4 to 7	tolerant prefers moisture	full sun to part shade	compact habit	20-35	15-25	oval to pyramidal
	X				ACSA2	Sugar Maple	Acer saccharum			y	3 to 8	medium	full sun to part shade		40-80	30-60	varies
				x	ACSA2+BelleTower	Sugar Maple	Acer saccharum	'Reba' Belle Tower		y	5 to 8	medium-drought tolerant, no compaction	full sun	heat, drought tolerant	45	18	columnar-narrow, vase
			1987	x	ACSA2+FallFiesta	Sugar Maple	Acer saccharum	'Baista' Fall Fiesta		y	3-8	medium-drought tolerant, no compaction	full sun to part shade	heat, drought tolerant	60-70	30-45	upright rounded
				x	ACSA2+AiumnSlendor	Sugar Maple	Acer saccharum	'Caddo' Autumn Splendor		y	5 to 8	medium-drought tolerant, no compaction	full sun	heat, drought tolerant	30-40	30-40	rounded
				x	ACSA2+JohnPair	Sugar Maple	Acer saccharum	'John Pair'		y	5	medium-drought tolerant, no compaction	full sun	heat tolerant	25-30	30	compact oval

Tree Selection List for Historic Main Street and Greens- Suffield CT

1600-1699	1700-1775	1776-1850	1850-1900 Other	Used in 10 yr Planting Plan	ITREES Code	Common	Botanical	(Family) Trade Name	'Variety'	North American Native	Zone: Suffield zone 6a	Soil/water requirements	Sun Requirments <small>see last page for definitions</small>	Special features & other comment	H in feet	W in feet	Form
					ACER - Maple continued												
					ACER - Maple (Family= Sapindaceae)												
				x	ACSA2+Legacy	Sugar Maple	Acer saccharum	'Legacy'		y	4a-7	medium	full sun to shade tolerant		60-75	40-50	oval rounded upright
				x	ACSA2+WrightBrothers	Sugar Maple	Acer saccharum	'Wright Brothers'		y	3 to 6	medium-drought tolerant, no compaction	full sun to part shade	heat tolerant	50-70	35	upright oval
				x	ACFR+Armstrong	Freeman Maple	Acer X freemanii	'Armstrong'		y	4 to 7	medium to wet	full sun to part shade	form	50-60	15-25	narrow upright
				x	ACFR+Marmo	Freeman Maple	Acer X freemanii	'Marmo'		y	4 to 7	medium to wet	full sun to part shade		45-70	35-45	upright oval
				x	ACFR+Matador	Freeman Maple	Acer X freemanii	'Matador'		y	4 to 7	medium to wet	full sun to part shade		40-50	20-40	upright oval
			1987	x	ACFR+Celebration	Freeman Maple	Acer X freemanii	'Celzam' Celebration		y	4 to 7	medium-drought tolerant	full sun to part shade		45	25	pyramidal-upright
					AESCULUS - Buckeye (Family= Sapindaceae)												
		1812		x	AECA3_B	Red Horse Chestnut	Aesculus X carnea	'Brriottii'			5 to 8	medium	full sun to part shade	nuts are poisonous	25-35	25-35	oval rounded
					AMELANCHIER - Serviceberry (Family= Rosaceae)												
				x	AM_laevis+Cumulus	Downy Serviceberry	Amelanchier laevis	'Cumulus'		y	4 to 8	moist but well drained	full sun to part shade	less suckering	20-30	15-20	oval
				x	AM_laevis+Lsutre		Amelanchier laevis	'Rogers' Lustre		y	4 to 8	medium to wet	full sun to part shade		20	15	
				x	AM_laevis+SpringFlurry	Allegheny Serviceberry	Amelanchier laevis	'Spring Flurry'		y	4 to 8	medium not drought tolernate	full sun to part shade		28	20	oval - dominate leader
	X			x	AMCA	Eastern Serviceberry	Amelanchier canadensis			y	4 to 9	medium	full sun to part shade		25-30	15-20	
				x	AMCA+RainbowPillar	Eastern Serviceberry	Amelanchier canadensis	'Glen Form' Rainbow Pillar		y	4 to 7	medium	full sun to part shade	mildew resistant	15-20	8-10	upright oval
				x	AMUT+AutumnBrilliance	Serviceberry	Amelanchier x grandiflora	'Autumn Brilliance'		y	4 to 9	medium to wet	full sun to part shade	usually multi	20	15-20	upright spreading
				x	AMUT+ColeSelect	Serviceberry	Amelanchier X grandiflora	'Cole Select'		y	4 to 7	medium not drought tolernate	full sun to part shade		10-15	10-15	upright oval - multi
				x	AMUT+PrincessDiana	Serviceberry	Amelanchier x grandiflora	'Princess Diana'		y	4 to 9	medium not drought tolernate	full sun to part shade		20-25	15-20	upright oval

Tree Selection List for Historic Main Street and Greens- Suffield CT

1600-1699	1700-1775	1776-1850	1850-1900 Other	Used in 10 yr Planting Plan	ITREES Code	Common	Botanical	(Family) Trade Name	'Variety'	North American Native	Zone: Suffield zone 6a	Soil/water requirements	Sun Requirments see last page for definitions	Special features & other comment	H in feet	W in feet	Form
BIRCH - Birch (Family= Betulaceae)																	
	X				BENI	River Birch	Betula nigra			y	4 to 9	medium to wet	full sun to part shade		40-70	40-60	pyramidal -round with age
				x	BENI+LittleKing	River Birch	Betula nigra	'Fox Valley' Little King		y	4 to 9	medium to wet-short drought tolerant	full sun to part shade	slow growing	10-20	15-20	rounded irregular
				x	BENI+CitySlicker	River Birch	Betula nigra	'Whit XXV' City Slicker		y	5	medium to wet-short drought tolerant	full sun to part shade	White bark	35	25	broadly pyramidal
				x	BENI+DuraHeat	River Birch	Betula nigra	'BNMTF' Dura Heat		y	3 to 7	medium to wet-short drought tolerant	full sun to part shade		40	25-35	conical
				x	BEPO+Renaissance	Gray Birch	Betula populifolia	'Oenci'. Renaissance Reflectioin		y	2 to 7	medium to wet	full sun		50-70	20-25	
		X		x	BEPO	Gray Birch	Betula populifolia			y	(4a) 3-6	medium	full sun		20-40	10-25	pyramidal oval, multi or single
CARPINUS - Hornbeam (Family= Betulaceae)																	
		X	X	x	CABE	Common European Hornbeam	Carpinus betulus				4 to 8 (5a)	medium	full sun to part shade		40-60+	30-40	pyramidal to oval
				x	CABE+EmeraldAve	Common European Hornbeam	Carpinus betulus	'Emerald Avenue'			5	medium-drought tolerant	full sun to part shade	heat tolerant	40	28	ovate to broad pyramidal
	X		X	x	CACA	American Hornbeam	Carpinus caroliniana			y	3b	medium	part shade tolerants full		20-35	20-35	rounded to flat top
				x	CACA+Palisade	American Hornbeam	Carpinus caroliniana	'CCSQU' Palisade		y	5 to 8	medium to wet	full sun to full shade		20-40	10-20	narrow upright oval
				x	CACA+NativeFlame	American Hornbeam	Carpinus caroliniana	'JFS-KW6' Native Flame		y	5	medium to wet	full sun to full shade		20-40	10-20	upright oval
				x	CACA+Firepire	American Hornbeam	Carpinus caroliniana	'JN upright' Firepire		y	3 to 9	medium to wet	full sun to full shade		20	8-10	narrow upright oval
CARYA - Hickory (Family= Juglandaceae)																	
	X				CAOV	Shagbark Hickory	Carya ovta			y	4 to 8	medium	full sun to part shade		60-80 +	50-70	oval to round irregular
CATALPA - Catawba (Family= Bignoniaceae)																	
			1866	x	CA_erubescens	Purple Catalpa	Catalpa x erubescens	'Purpurea'			5 to 8	medium to wet	full sun to part shade	new growth purple	40-50	40-50	pyramidal -round with age

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CELTIS - Hackberry (Family= Cannabaceae)																	
X		X			CEOC	Hackberry	Celtis occidentalis			y	2 to 9	medium to wet	full sun to part shade	salt tolerant berries can be messy	40-60	40-60	pyramidal young, irregular rounded with age
				x	CEOC+ChicagoLand	Hackberry	Celtis occidentalis	'Chicagoland'		y	2 to 9	medium	full sun to part shade	salt tolerant berries can be messy	40-60	25-45	pyramidal young, irregular rounded with age
				x	CEOC+PrairiePride	Hackberry	Celtis occidentalis	'Prairie Pride'		y	4 to 9	medium	full sun to part shade	salt tolerant berries can be messy	25-50	35-50	broadly oval
				x	CEOC+Magnifica	Sugar Haackberry	Celtis x (occidentalis X laevigata)	'Magnifica'		y	5	tolerant of variety	full sun	fruit can be messy	50-60	40-50	irregular rounded
CERCIDIPHYLLUM - Katsura (Family= Cercidiphyllaceae)																	
			X	x	CEJA	Katsura-tree	Cercidiphyllum japonicum	MN Strain, Alba, Species			(5a)4 to 8	medium	full sun to part shade		40-60 +	25-60	rounded with age
CERCIS - Redbud (Family= Fabaceae)																	
				x	CECA+AceOfHearts	Eastern Redbud	Cercis canadensis	'Ace of Hearts'		y	5 to 9	medium-well drained	part shade	more dwarf form	12	15	oval
				x	CECA+AppalachainRed	Eastern Redbud	Cercis canadensis	'Appalachian Red'		y	5 to 9	medium-well drained	full sun to part shade		15-25	15-25	oval
				x	CECA+ForestPansy	Eastern Redbud	Cercis canadensis	'Forest Pansy'		y	5 to 9	medium-well drained	full sun to part shade		20-30	15-25	irregular wide spreading
				x	CECA+PaulineLilly	Eastern Redbud	Cercis canadensis	'Pauline Lilly'		y	5 to 9	medium-well drained	part sun	soft pink flowers	15-20	20-30	irregular wide spreading
X				x	CECA	Eastern Redbud	Cercis canadensis			y	50-8(40 with cold hardy seed source)	medium	full sun to part shade		20-30	25-35	open, rounded specify single stem
CHIONANTHUS - Fringetree (Family= Oleaceae)																	
			X	x	CHRE+ChinaSnow	Chinese Fringe Tree	Chionanthus retusus	'China Snow'			5 to 9	medium	full sun to part shade		15-20	20-25	broad oval

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CORNUS - Dogwood (Family= Cornaceae)																	
		X		x	COAL	Alternate-leaved Dogwood	Cornus alternifolia			y	3 to 7	medium	full sun to part shade		15-25	20-35	ovoid
X			X	x	COFL	Dogwood, Flowering Dogwood	Cornus florida	many varieties		y	5 to 9	medium	prefers part shade		15-30	15-30	broad pyramidal
	X		X	x	COFLRU	Pink Flowering Dogwood	Cornus florida rubra			y		medium	full sun to part shade				
			1988	x	COKO+WolfEyes	Kousa Dogwood	Cornus kousa	'Wolf Eyes'			5 to 8	medium	part shade tolerants full shade	variegated foliage	12-20	12-20	vase spreading
			X	x	COKO	Kousa Dogwood in variety	Cornus kousa	Miss Stormi, Milky way, Galilean, Samaritan, Milky Way Select,			5 to 8	medium	full sun to part shade		15-30+	15-30	vase
				x	COKO+Satomi	Kousa Dogwood	Cornus kousa	'Satomi'			5 to 8	medium	full sun to part shade		12-20	12-20	vase speeding
				x	COMA+SaffronSentinel	Safron Sentinel Cornelian Cherry	Cornus mas	'JFS PN4Legacy' Saffron Sentinel			4 to 8	moist but well drained	full sun to part shade		22	12	upright columnar
X		X		x	COMA	Golden Glory Cornelian Cherry	Cornus mas				(5a) 4 to 8	moist but well drained	full sun to part shade	prune low branches	15-25	15-20	rounded to oval
COTINUS - Smoke Tree (Family= Anacardiaceae)																	
X			X	x	COCO1	Purple Leaf Smoke Tree	Cotinus coggyria				5 to 8	medium-drought tolerant	full sun		10-20	10-20	vase, multi or tree form
CRATAEGUS - Hawthorn (Family= Rosaceae)																	
	X		X		CRCRI+	Thornless Cockspur Hawthorn	Crataegus crus-galli var inermis			Y	4A-7	tolerant of variety	full sun	thornless	20-25	20-25	rounded
				x	CRCRI+Crusader	Thornless Cockspur Hawthorn	Crataegus crus-galli var inermis	'Cruzam' Crusader		y		tolerant of variety	full sun	thornless	25-35	25-35	ovoid
CRYPTOMERIA - Japanese Cedar (Family= Cupressaceae)																	
			X		CRJA	Japanese Cedar	Cryptomeria japonica				5 to 9	medium but well drained	full sun		50-60	20-30	sslender pyramidal
				x	CRJA+Yoshino	Japanese Cedar	Cryptomeria japonica	'Yoshino'			6 to 9	medium but well drained	full sun		30-40	15-20	pyramidal
EUCOMMIA - Hardy Rubber Tree (Family= Eucommiaceae)																	
				x	EUUL	Hardy Rubber Tree	Eucommia ulmoides				5b	medium to dry	full sun		40-60	40-60	sparse in youth rounded with age
FRANKLINIA - Franklinia (Family= Theaceae)																	
	X	X		x	FRAL	Franklinia	Franklinia alatamaha			y	5 to 8	moist but well drained	full sun to part shade		10-20	6-15	single or multistem rounded

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GINKO - Maiden Hair (Family= Ginkgoaceae)																	
		X	X		GIBI	Maiden Hair Tree	Ginko biloba				4b	medium to dry	full sun	females have smelly fruit	50-80 +	30-40	irregular young pyramidal with age
				x	GIBI+GoldenColonnade	Maiden Hair Tree	Ginko biloba	'JFS-UGA2' Golden Colonnade			3-8	medium	full sun	male clone	45	25	narrow oval strong leader
				x	GIBI+Magyar	Maiden Hair Tree	Ginko biloba	'Magyar'			3-8	medium	full sun	male clone	40-60	20-30	
				x	GIBI+PresidentialGold	Maiden Hair Tree	Ginko biloba	'Presidential Gold'			3-8	medium	full sun to part shade	male clone	50	40	broad pyramidal , heavier branched
				x	GIBI+PrincetonSentry	Maiden Hair Tree	Ginko biloba	'Princeton Sentry'			3b-8A	medium	full sun	male clone	50-65	15-30	columnar upright
				x	GIBI+Saratoga	Maiden Hair Tree	Ginko biloba	'Saratoga'			4a-10b	medium	full sun to part shade	male clone	25-35	30-40	dense pyramidal
				x	GIBI+AutumnGold	Maiden Hair Tree	Ginko biloba	'Autumn Gold'			3-8	medium	full sun	male clone	40-50	25-30	broad s spreading
GLEDITISA - Honeylocust (Family= Fabaceae)																	
		X			GLTR	Thornless Honeylocust	Gleditisa triacanthos var. inermis			y			full sun to part shade	plant thornless forms			
				x	GLTR+NorthAcclaim	Thornless Honeylocust	Gleditisa triacanthos var. inermis	'Harve' North Acclaim		y	3 to 6	medium to dry	part shade	thornless low seed hardy	40-50	30-35	oval, rounded, broad
				x	GLTR+Moriane	Thornless Honeylocust	Gleditisa triacanthos var. inermis	'Moraine'		y	4a to 9	medium to dry	full sun to part shade	thornless no seed, hardy	40-50	45-50	upright oval
				x	GLTR+StreetKeeper	Honeylocust	Gleditisa triacanthos var. inermis	'Street Keeper'		y	4a (3b)	medium to dry	full sun to part shade	thornless no seed, hardy	45	20	pyramidal-tight
GYMNOCLADUS - Kentucky Coffee Tree (Family= Fabaceae)																	
	X		X		GYDI	Kentucky Coffee Tree	Gymnocladus dioica			y	4a	medium to dry	full	fruit can be messy-plant males	50-70	40-50	oval to vase
				x	GYDI+Espresso	Kentucky Coffee Tree	Gymnocladus dioica	'Espresso'		y		medium	full sun	grafted male	60-70	40-50	
				x	GYDI+DeCaf	Kentucky Coffee Tree	Gymnocladus dioica	'McKBranded' Decaf		y	3 to 7	medium	full sun	male	40-50	30-40	round s spreading
HALESIA - Silverbell (Family= Styracaceae)																	
	X	X	X	x	HACA	Carolina Silver Bell, Snowdrop Tree	Halesia carolina			y	4 to 8	moist but well drained	full sun to part shade		30-40	20-35	rounded
				x	HACA+UConnWeddingBells	Carolina Silver Bell	Halesia carolina	'Uconn Wedding Bells'		y	4 o 8	moist but well drained	full sun to part shade		15-20	10-15	oval

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HAMAMELIS - Witch Hazel (Family= Hamamelidaceae)																	
X				x	HAVI+AutumnMoon	Witch Hazel	Hamamelis virginiana	'AutumnMoon'		y	3 to 8	moist but well drained	full sun to part shade		15-20	15-20	oval to round irregular
				x	HAX+	Hybrid Witch Hazel	Hamamelis x intermedia	Aurora-yellow, Briget-red, Brimstone-brightyellow, Jelena-orange, Diane-redpink, OrangeEncore-orange+, Twilight-redorange,			5 to 9	moist but well drained	full sun to part shade		12-20	15-20	vase, multi or tree form
			2003	x	HAX+Amethyst	Hybrid Witch Hazel	Hamamelis x 5 species	'Amethyst'			5 to 8	medium-well drained	full sun to part shade		8-10	8 to 10	vase, multi or tree form
				x	HAX+Arnold's Promise	Hybrid Witch Hazel	Hamamelis x intermedia	'Arnolds Promise'			5 to 8	moist but well drained	full sun to part shade		12-15'	12-15'	vase, multi or tree form
HEPTACODIUM - Severson Flower (Family= Caprifoliaceae)																	
				x	Heptacodium_miconioides	Seven-son Flower	Heptacodium miconioides				5 to 9	Medium	full sun		15-20	10	vase, multi-stem
ILEX - Holly (Family= Aquifoliaceae)																	
	X		X		ILOP	American Holly	Ilex opaca			y	5 to 9	medium	full sun to part shade		15-20	10-20	pyramidal in youth opening with age
				x	ILOP+JerseyPrincess	Evergreen, American Holly	Ilex opaca	'Jersey Princess'		y	4b - 9	medium	full sun to part shade	heavy fruiter	30-35	20-25	pyramidal
				x	ILOP+SatyrHill	Evergreen, American Holly	Ilex opaca	'Satyr Hill'		y	5 to 9	medium	full sun		30-35	15-20	upright pyramidal
JUNIPER - Cedar (Family= Cupressaceae)																	
X			X		JUVI	Eastern Red Cedar	Juniperus virginiana			y	2 to 9	medium to wet	full sun to part shade	highly drought resistant	30-60	8-25	columnar
				x	JUVI+EmeraldSentinel	Eastern Red Cedar	Juniperus virginiana	'Corcorcor' Emerald Sentinel		y	3 to 9	medium to wet	full sun to part shade		20-25	5-10	columnar
JUGLANS - Walnut (Family= Juglandaceae)																	
					JUNI	Black Walnut	Juglans nigra			y	4 to 9	medium	full sun		75-100	75-100	
LARIX - Larch (Family= Pinaceae)																	
X				x	LADE	Larch	Larix decidua				2 to 6	medium to wet	full sun	cones and twigs can be messy	60-100	20-30	pyramidal

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LIQUIDAMBER - Sweetgum (Family= Altingiaceae)																	
X			X		LIST	Sweet Gum	Liquidambar styraciflua			y	5b	medium to wet	full	fruit can be messy aggressive	50-75	40-60	pyramidal when young oval to round with age
				x	LIST+Happidaze	Sweetgum	Liquidambar styraciflua	'Hapdell' Happidaze		y	5 to 9	moist but well drained	Full sun to part shade	low fruit	60-80	40-60	pyramidal
				x	LIST+Golddust	Sweetgum	Liquidambar styraciflua	'Goduzzam' Gold Dust		y	5 to 8	moist but well drained	Full sun to part shade	low fruit	45	30	
				x	LIST+Moraine	Sweetgum	Liquidambar styraciflua	'Moraine'		y	5 to 8	moist but well drained	Full sun to part shade		40-60	35-40	oval to pyramidal
				x	LIST+Cherokee	Sweetgum	Liquidambar styraciflua	'Ward' Cherokee		y	5 to 8	moist but well drained	Full sun to full shade	low fruit	60-75	25-30	broad pyramidal
LIRODENDRON - Tulip Tree (Family= Magnoliaceae)																	
X			X		LITU	Tulip Tree	Liriodendron tulipifera			y	5a 4b	tolerant of variety	full sun		70-90	35-50	pyramidal when young oval to round with age
				x	LITU+LittleVolunteer	Tulip Tree	Liriodendron tulipifera	'Little Volunteer'		y	4 to 9	tolerant of variety	full sun		30-35	18-20	compact pyramidal
				x	LITU+EmeraldCity	Tulip Tree	Liriodendron tulipifera	JFS-Oz' Emerald City		y	4b	tolerant of variety	full sun		50-60	20-30	oval upright central leader
MAGNOLIA - Magnolia (Family= Magnoliaceae)																	
				x	MA1_Loebneri	Loebner Magnolia	Magnolia X loebneri	Leonard Messel, Merrill			5 to 9	medium	full sun	fragrant	15-20	10-15	
	X	X		x	MAAC	Cucumber Tree	Magnolia acuminata			y	3-8	medium not drought tolernate	full sun to part shade	HUGE leaves can be problem when they drop	40-70	20-35	pyramidal
			X	x	MAST+CentennialBlush	Star Magnolia	Magnolia stellata	'Centennial Blush'			4 to 9	medium not drought tolernate	full sun	fragrant looks like camelia flower	12-18	10-15	upright oval
			X	x	MAST+RoyalStar	Royal Star Magnolia	Magnolia stellata	'Royal Star'			4 to 8	medium	full sun to part shade	fragrant	10-20	8-15	rounded
X			X	x	MAVI	Sweet Bay, Magnolia	Magnolia virginiana			y	5 to 10	medium to wet	full sun to part shade		10-30'	10-25	
				x	MAVI+MoonGlow	Sweet Bay, Magnolia	Magnolia virginiana	'Jim Wilson' Moon Glow		y	5 to 10	tolerant prefers moisture	full sun to part shade	vigorous cold hardy	15-35	10-20'	oval to vase
					MA1	Magnolia hybrids											
				x	MA1	Magnolia hybrids	Magnolia acuminata x denudata	'Butterflies'			5 to 9	moist but well drained	full sun to part shade	fragrant yellow	15-20	10-15	pyramidal -round with age
			1990	x	MA1+Daybreak	Daybreak Magnolia	Magnolia x	'DayBreak'			5 to 8	medium	full sun to part shade	upright, blooms late	20-25	6-12	upright pyramidal
			1985	x	MA1+YellowBird	Yellow Bird Magnolia	Magnolia X brooklynensis	Yellow Bird			4 to 8	medium not drought tolernate	full sun to part shade		20-40	15-25	upright conical
		X	X	x	MASO	Saucer Magnolia	Magnolia x soulangeana				4 to 9	medium	full sun to part shade	dropping flowers can be messy	20-25	20-25	multi stem rounded

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MALUS - Apple (Family= Rosaceae)																	
X					MA2	Crab Apple	Malus species	Crab Apples			4 to 8	Medium	full sun				
				x	MA2+Adirondack	Crab Apple	Malus X	'Adirondack'			4 to 8	Medium	full sun	excellent resistance to apple 4 (*1)	18-20	10-12	upright vase
				x	MA2+RubyDaze	Crab Apple	Malus X	'Ruby Daze'			4 to 8	Medium	full sun	Purple Foliage excellent resistance to apple 4 (*1)	20-25	15-20	upright vase
				x	MA2+Sparkling Sprite	Crab Apple	Malus X	'SparklingSprite'			4 to 8	medium	full sun	excellent resistance to apple 4 (*1)	10-15	10-15	rounded
METASEQUOIA - Redwood (Family= Metasequoiaceae)																	
				x	MEGL	Dawn Redwood	Metasequoia glyptostroboideis				4 to 8	medium to wet	full sun		70-100	25-50	pyramidal
NYSAA - Tupelo (Family= Nyssaceae)																	
	X				NYSY	Tupelo	Nysaa sylvatica			y	5a	moist but well drained	full	fruit can be messy	30-60	20-40	pyramidal ages to flat top rounded or oval to pyramidal
				x	NYSY+Majestic	Tupelo	Nysaa sylvatica	'MONN2' Majestic		y	5	medium to wet	full sun to part shade		40	20	upright vase
				x	NYSY+Gumdrop	Tupelo	Nysaa sylvatica	'JFS-PN Legacy1' Gumdrop'		y	4	medium to wet	full sun to part shade		30	20	upright oval
				x	NYSY+GreenGable	Tupelo	Nysaa sylvatica	'NSUHH' Green Gable		y	4	medium to wet	full sun to part shade		50	25	upright pyramidal
				x	NYSY+TupeloTower	Tupelo	Nysaa sylvatica	'Tupleo Tower'		y	4 to 9	medium to wet	full sun to part shade		40	20	columnar
				x	NYSY+Wildfire	Tupelo	Nysaa sylvatica	'Wildfire'		y	5	medium to wet	full sun to part shade		40-50	30	pyramidal - strong central leader
OSTRYA - Ironwood (Family= Betulaceae)																	
				x	OSVI+AutumnTreasure	Ironwood	Ostrya virginiana	'JFS-KW5' Autumn Treasure		y	3 to 7	medium- drought tolerant	full sun to part shade		25-40	20	upright pyramidal
	X			x	OSVI	Ironwood, Hop Tree	Ostrya virginiana			y	3b	moist	full to part shade		30-50	20-30	oval to pyramidal
OXYDENDRUM - Sourwood (Family= Ericaceae)																	
	X		X	x	OXAR	Sourwood, Sorel Tree, Andromeda Tree	Oxydendrum arboreum			y	5 to 9	medium not drought tolernate	full sun to part shade		20-50	10-25	narrow oblong
PARROTTIA- Persian Ironwood (Family= Hamamelidaceae)																	
			1880		PAPE	Persian parrotia	Parrotia persica				5	medium	full to part shade		20-30	15-25	broad pyramidal
				x	PAPE+Ruby Vase	Persian parrotia	Parrotia persica	'Ruby Vase'			4 to 8	medium-drought tolerant	full to part shade		20-25	15-20	upright narrow vase
				x	PAPE+Vanessa	Persian parrotia	Parrotia persica	'Vanessa'			4 to 8	medium-drought tolerant	full to part shade		25-30	10-20	upright vase

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PICEA - Spruce (Family= Pinaceae)																	
				x	PIAB+PaulsSelect	Norway Spruce	Picea abies	'Pauls Select'			2 to 7	medium-well drained	full sun to part shade	blue cast to needles	15-20	6-10	conical
			X	x	PIAB+Pendula	Norway Spruce, weeping	Picea abies	'Pendula' (Inversa)			2 to 7	medium-well drained	full sun		varies	varies	Weeping
		X			PIAB	Norway Spruce	Picea abies				2 to 7	medium-well drained	full sun to part shade		40-60	25-30	conical
				x	PIOM	Serbian spruce	Picea omorika				4 to 7	medium	full sun to part shade	EG	40-60	15-20	narrow pyramidal
PINUS - Pine (Family= Pinaceae)																	
		X		x	PIFL	Limber Pine	Pinus flexilis	'Vanderwolf'			4 to 7	medium	full sun	EG	20-30	10-25	pyramidal in youth oval with age
				x	PIST+Pendula	White Pine- Weeping	Pinus strobus	'Pendula'		y	3 to 8	medium-well drained	full to part shade	EG	30-40	20-30	varies with training
	X			x	PIST	White Pine	Pinus strobus			y	3 to 8	medium-well drained	full to part shade	EG	50-80	20-40	pyramidal-irregular with age
PLATANUS - Sycamore (Family= Platnaceae)																	
X			X	x	PLOC	American Sycamore	Platanus occidentalis			y	4 to 9	moist but well drained	full sun	white bark flaking with age	75-100	75-100	rounded to irregular
			1970	x	PLAC+Columbia	London Plane Tree	Platanus x acerfolia	'Columbia'			4 to 8	medium-drought tolerant	full sun	Resistant to anthracnoses, fr uit can be messy	40-80	30-40	pyramidal in youth opening with age
				x	PLAC+Exclamation	London Plane Tree	Platanus x acerfolia	'Morton Circle' Exclamation			4 to 8	moist but well drained	full sun	Resistant to anthracnoses, fruit can be messy	70-100	65-80	pyramidal in youth opening with age
PRUNUS - CHERRY (Family= Rosaceae)																	
		X		x	PRSE2	Japanese Flowering Cherry	Prunus serrulata	'Kwanzan'			5 to 8	tolerant prefers moisture	full sun		15-25	15-25	rounded to vase shaped
				x	PRSEAM	Japanese Flowering Cherry	Prunus serrulata	'Amonogawa'			5 to 8	medium-well drained	full sun		18-20	6 to 9	columnar upright
				x	PRSESH	East Asian Cherry	Prunus serrulata	'Shirofugen'			4 to 8	medium-well drained	full sun		25-30	25-30	vase shaped
			X	x	PRSU+Pendula	Autumn or Higan Cherry	Prunus subhirtella	'Pendula'			4 to 8	moist but well drained	full sun	weeping	20-40	20-35	rounded open
				x	PRYE+Akebono	Akebono Cherry	Prunus X yedoensis	'Akebono'			5 to 8	medium-well drained	full sun tolerated part shade-Dorught Tolerant	spring flowers	25-30	25-40	rounded

Tree Selection List for Historic Main Street and Greens- Suffield CT

1600-1699	1700-1775	1776-1850	1850-1900 Other	Used in 10 yr Planting Plan	ITREES Code	Common	Botanical	(Family) Trade Name	'Variety'	North American Native	Zone: Suffield zone 6a	Soil/water requirements	Sun Requirments see last page for definitions	Special features & other comment	H in feet	W in feet	Form
QUERCUS - Oak (Family= Fagoideae - quercoideae)																	
		X	X		QU_	Oak (29 species including ones mentioned in 1700)	Quercus sp.						full sun				
X			X	x	QUAL	White Oak	Quercus alba			y	3 to 9	medium	full sun		50-80	50-80	rounded to broad rounded
				x	QUBI+AmericanDream	Swamp Oak	Quercus bicolor	'JFS-KW12' American Dream		y	4 to 8	medium to wet	full sun to part shade		55	15	broad pyramidal, heavy branching
				x	QUBI	Swamp White Oak	Quercus bicolor			y	3 to 8	medium to dry	full sun		50-60	50-60	broad-rounded
X			X	x	QUCO	Scarlet Oak	Quercus coccinea			y	4 to 9	medium	full sun		40'	40-50	rounded open
				x	QUIM	Shingle Oak	Quercus imbricaria			y	4a (4b)	medium	full sun		40-60 +	40-65	pyramidal in youth broadly round age
				x	QULY+HighBeam	Overup Oak	Quercus lyrata	'HighBeam'		y	5 to 9	medium to wet	full sun	clean drop, upswept branching	30-60	20-40	pyramidal in youth broadly round age
				x	QULY	Overup Oak	Quercus lyrata			y	5 to 9	medium to wet	full sun		50	50	pyramidal in youth broadly round age
				x	QUMA1+UrbanPinnacle	Bur Oak	Quercus macrocarpa	'JFS-KW#' Urban Pinnacle		y	3 to 8	medium to wet	full sun		45-55	20-25	Narrow. pyramidal to oval
				x	QUMA1+CobbleStone	Bur Oak	Quercus macrocarpa	'JFS-KW14' CobbleStone		y	3 to 8	medium to wet	full sun		45-55	40-45	broadly oval
				x	QUMU	Chinquapin Oak, Yellow Chestnut Oak	Quercus muehlenbergii			y	5 to 7	medium-drought tolerant	full sun		30-50	30-60	round
				x	QUNA+HighPoint	Texas Red Oak	Quercus nuttallii	'High Point'		y	5 to 8	medium-drought tolerant	full sun		50-60	35-40	upright oval
			X	x	QUPA	Pin Oak	Quercus palustris	species		y	4 to 8	medium to dry	full sun		50-70	40-50	pyramidal in youth oval with age
				x	QUPH+HighTower	Willow Oak	Quercus phellos	'Hightower'		y	6 to 9	tolerant of variety	full sun		40-70	20-40	
	X		X	x	QUPH	Willow Oak	Quercus phellos			y	6 to 9	tolerant of variety	full sun		40-60+	30-60	pyramidal in youth, oval to round in age

Tree Selection List for Historic Main Street and Greens- Suffield CT

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QUERCUS - Oak cont.																	
	X			x	QUPR	Chestnut Oak	Quercus prinus			y	5 to 9	medium-drought tolerant	full sun		50-60	40-60	oval to round irregular
			X	x	QUX+CrimsonSpire	English Oak	Quercus robur X alba	'Crimson Spire'			5 to 8	medium to dry	full sun		35-45	15-20	columnar
				x	QURU	Red Oak, Quercus rubra	Quercus rubra			y	4 to 8	medium to dry	full sun		60-80 +	50-70	rounded
				x	QU_macdanielii+Clemons	Heritage Oak	Quercus X macdanielii	'Clemons'		y	4 to 8	tolerant of variety	full sun		60-80	40-50	broad pyramidal, oval with age
				x	QUSH	Shumard Oak	Quercus X shumardii			y	5b or 6a	medium to dry	full sun		60-80	45-65	pyramidal in youth rounded with age
				x	QUX+RegalPrince		Quercus x warei (robur x bicolor)	'Regal Prince'			4 to 9	medium	full sun		50	20-30	columnar-tight
SORBUS - Mountain Ash (Family= Rosaceae)																	
				x	SAOM	American Mt. Ash	Sorbus americana			y	3 to 6	medium	full sun		15-30	15-25	rounded
STEWARTIA - Stewartia (Family= Theaceae)																	
			X	x	Stewartia_pseudo-camellia	Japanese Stewartia	Stewartia pseudo-camellia				5 to 8	medium-well drained	full to part shade		20-40	20	oval, can be multistem tree
TAXODIUM - Cypress (Family= Cupressaceae)																	
				x	TADI	Bald Cypress	Taxodium distichum			y	5a (4)	medium to wet	full		50-70	20-40	columnar in youth pyramidal with age
				x	TADI+LindseysSkyward		Taxodium distichum	'Lindsey's Skyward'		y	5 to 10	moist tolerant of wet soils	full sun to part shade		18-20	8-10	upright columnar
				x	TADI+PrairieSentinal	Bald Cypress	Taxodium distichum var. imbricatum	'Prairie Sentinel'		y	5 to 10	moist tolerant of wet soils	full sun to part shade		40-60	15-20	columnar
THUJA - Arborvitae (Family= Cupressaceae)																	
X				x	THOC	American Arborvitae	Thuja occidentalis			y	3 to 7	medium not drought tolernate	full sun to part shade		20-30	5-10	columnar in youth pyramidal with age
				x	THOC+Spiralis	American Arborvitae	Thuja occidentalis	'Spiralis'		y	3 to 7	medium not drought tolernate	full sun to part shade	curly leaf plates	20-30	5-10	columnar in youth pyramidal with age

Tree Selection List for Historic Main Street and Greens- Suffield CT

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TILIA - Basswood (Family= Malvaceae)																	
	X		X		TIAM	American Basswood, Linden	Tilia americana			y	3a	medium-well drained	full sun		60-80 +	30-60	pyramidal in youth oval with age
				x	TIAM+M	American Basswood	Tilia americana	'McKsentry'. American Sentry		y	3 to 8	medium-well drained	full sun to part shade		40-45	25-30	narrow pyramidal
				x	TIAM+Boulevard	American Basswood	Tilia americana	'Boulevard'		y	3	medium-well drained	full sun to part shade		50	25	narrow pyramidal
				x	TIAM+Lincoln	American Basswood	Tilia americana	'Lincoln'		y	3-8	medium	full sun	compact	35	25	compact pyramidal
				x	TIAM+Redmond	Redmond American Linden	Tilia americana	'Redmond'		y	2-8	medium	full sun to part shade		40-60	30-45	pyramidal
				x	TICO+Halka	Summer Sprite® Linden	Tilia cordata	'Halka'			3 to 7	medium	full sun		15-20	8-10	narrow pyramidal
				x	TITO+	White or Silver-leaved Linden	Tilia tomentosa	'Green Mountian'			5a	medium	full sun		50-70	35-55	pyramidal
			1882	x	TI_mongolica+HarvestGold	Mongolian Lime	Tilia mongolica	'Harvest Gold'			3 to 8	medium	full sun		30-40	20-30	broad pyramidal
ULMUS - Elm (Family= Ulmaceae)																	
	X		X		ULAM	American Elm	Ulmus americana			y	3b-5 varies	medium	full sun		60-80	40-80	vase
				x	ULAM+ColonialSpirit	American Elm	Ulmus americana	'Colonial Spirit'		y	4 to 7	medium	full sun	DED tolerant	55-65	45-50	vase
			1994	x	ULAM+NewHarmony	American Elm	Ulmus americana	'New Harmony'			4 to 10	medium	full sun	DED tolerant	60-80	40-80	compact vase
				x	ULS_X+Triumph	Elm in variety	Ulmus hybrids	'Mortons Glossy' Triumph			4 to 7	tolerant prefers moisture	full sun to part shade	DED tolerant	50-60	35-40	vase
ZELKOVA - Zelkova (Family= Ulmaceae)																	
				x	ZESE+Wireless	Wireless Zelkova	Zelkova serrata	'Schmidtlow' Wireless®			5 to 8	medium	full sun		20-25	35 & 20	vase speeding
			X		ZESE	Graybark Elm, Zelkova	Zelkova serrata				5b	medium	full sun		50-70	40-60	vase

Tree Selection List for Historic Main Street and Greens- Suffield CT

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*1 Apple four =Scab, Fire Blight, Cedar Apple Rust, Mildew

*2 EB= Emerald Ash borer

Dates: X= Listing is for species and not particular variety. If an date was found during research it was added and should be considered approximate.

The majority of date information was gathered from: **For Every House a Garden: A Guide for Reproducing Period Gardens**, Faveretii, Rudy and Joy 1990 University Press of New England, Hanover NH

Some Genus Species that are not used in the plan are left to show the historical dates for reference

ITREE CODES: ITREE Codes are used when available. The following modifications have been adapted for this project

- + indicates that a variety follows
- indicates that a genus was listed but a species was not on the ITREE list and it follows

Other information was gathered from reliable sources, most are listed below.

Connecticut State Vegetative Management Task Force , Tables: Trees with Short Mature Heights and Select shrubs suitable for planting near utilities pages 40 -44

http://www.ct.gov/deep/cwp/view.asp?a=2697&q=503040&deepNav_GID=1631

University of Connecticut Integrated Pest Management <http://www.hort.uconn.edu/ipm/homegrnd/htms/32cttree.htm>

DEEP + CNLA RightTree/Right Place https://portal.ct.gov/-/media/DEEP/forestry/VMTF/Final_Report/PartFivecpdf.pdf

Urban Tree Selection Manual, AleXopolous, John, Stahl, Paula, Ricard, Riobert M UCONN College of Agriculture and Natural Resources 2007

Connecticut Invasive Plant List https://cga.ct.gov/current/pub/chap_446i.htm#sec_22a-381b

Massachusetts Invasive Plant List <https://www.mass.gov/service-details/invasive-plants>

Invasive Plant Atlas, invasiveplantatlas.org

Some salt tolerance information (Wisconsin Extension) <http://learningstore.uweX.edu/Assets/pdfs/A3877.pdf>

Missouri Botanical Garden Plant Data Base <http://www.missouribotanicalgarden.org/plantfinder/plantfindersearch.aspX>

University of Connecticut Plant Data Base <https://plantdatabase.uconn.edu/>

Native Trees, Shrubs and Vines for Urban and Rural America: A Planting Design Manual for Environmental Designers, Hightshoe, Gary L. John Wiley & Sons, Inc New York 1988

Manual of Woody Landscape Plants: Their Identification Ornamental Characteristics, Culture, Propagation and Uses, Dirr, Michael A. Stipes Publishing Company Champaign, IL 1990

Morton Arboretum <https://mortonarb.org/>

Oregon State University Plant Data Base <https://landscapeplants.oregonstate.edu/>

J Frank Schmidt & Sons Nursey <https://www.jfschmidt.com/>

A reminder: Plants are living and respond to a variety of environmental conditions differently, all information is meant to be a guide for planning and is not a guarantee the plant will respond in a given manner

Full sun: 6+ hrs of direct sun **Part sun:** 4 to 6 hrs direct sun per day, some in afternoon **Part shade:** 4 to 6 hrs of direct sun before noon, or bright shade all day. **Full shade:** less than 4 hrs of direct sun

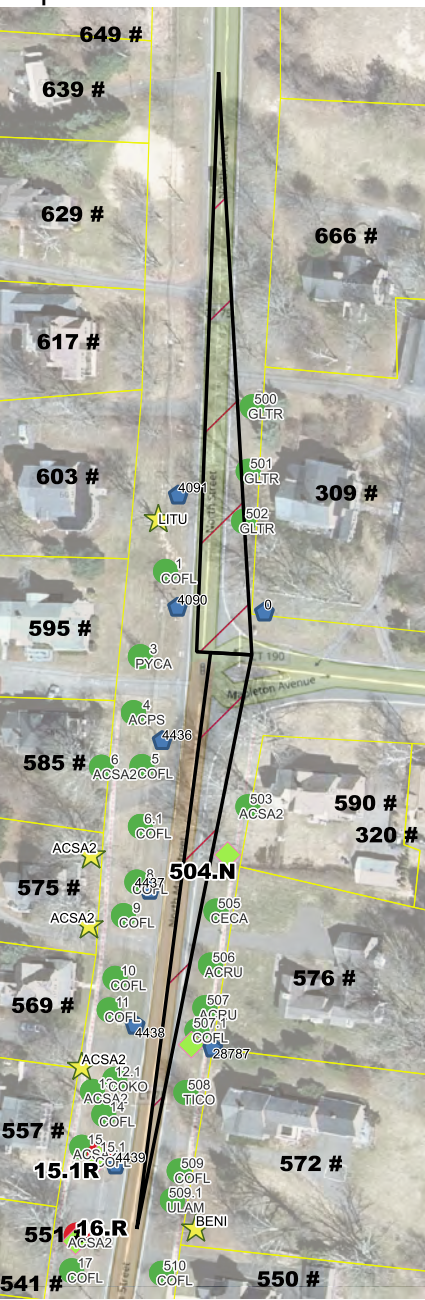
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Planting Plan for Historic Main Street Suffield CT

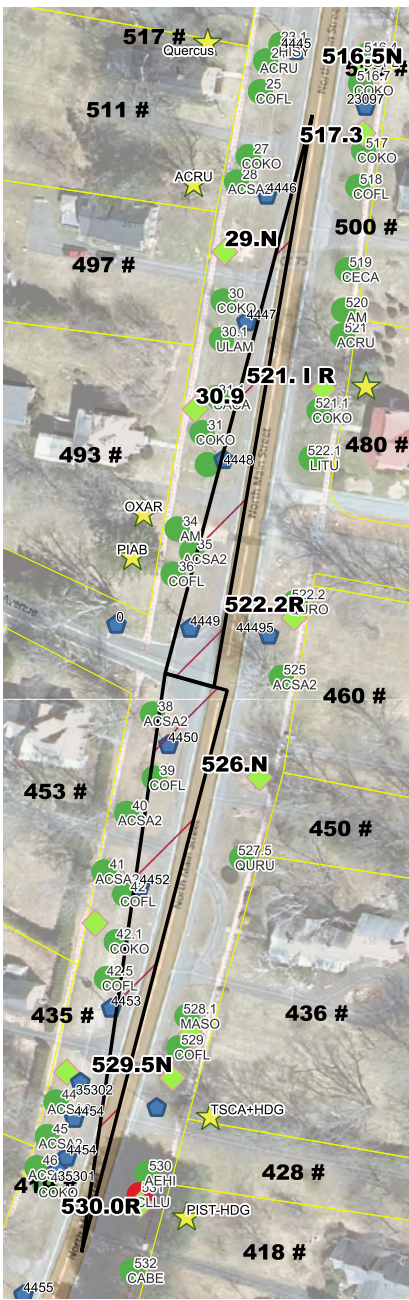
Sightline Estimates

Sight Line Estimates:

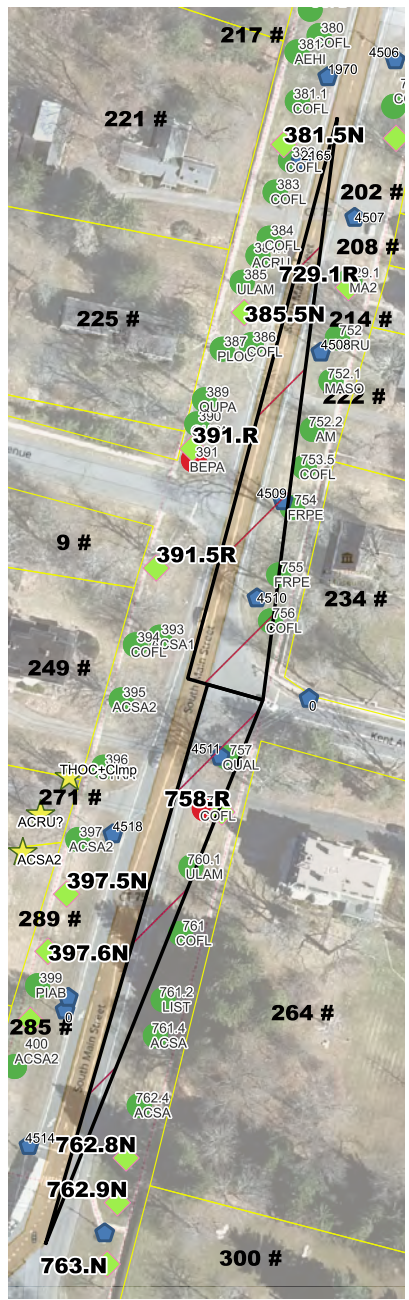
Mapleton Ave. x Route 75



Russel Ave. x Route 77



Kent Ave. x Route 75



LEGEND

★ Notable Trees on Private Property

◆ New Planned Trees

Existing Trees Inventoried in 2020

● Poor Condition

● Fair & Good Condition

● Suffield Poles

□ Suffield Parcels & Street #

□ SiteLineTriangle

Estimated based on: CDOT-Highway Design Manual 2003 Edition (REV. 06/2020) Chapter 11 , Section 11-2.0 Intersection Sight Distance , Stop Controlled Intersections
 Table in Figure 11-C Design speed Vmajor=45,Single-Unit Truck, ISD(ft) = 630. Curb edge, and center lines visually identified on aerial.

Phase Planting Plan for Historic Main Street Suffield CT

APPENDIX

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Plan before you Plant

Plant the right tree in the right place for electric service reliability

Trees and power lines don't mix. When they touch, it can cause everything from power outages, fires and downed lines, to safety hazards for people, wildlife and even the trees themselves. Tree branches too close to power lines must be trimmed, and adequate trimming can't always be done in ways that retain the natural aesthetics of the tree.

Low-growing trees maturing up to 25 feet in height such as crabapple, dogwood, hawthorn, plum, and Japanese maple, can be planted near roadside power lines, in the **Red Zone**.

Medium-sized trees, maturing at heights of 25-45 feet, can be planted between **15 and 30 feet from the power lines**, in the **Yellow Zone**. Such trees include arborvitae, flowering cherry, magnolia, hornbeam, and shadblow.

Large-growing trees, reaching heights of more than 45 feet, should be planted **at least 30 feet from power lines**, in the **Green Zone**. Oak, maple, locust, spruce, and pine are some examples.

Plant Trees in the Proper Zone

Red Zone:

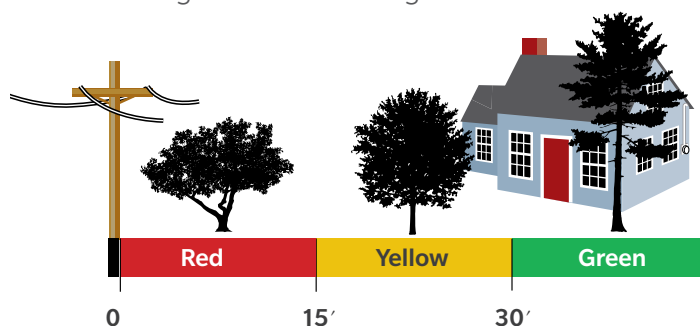
Trees less than 25' high

Yellow Zone:

Trees 25 - 45' high

Green Zone:

Trees greater than 45' high












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LOW-Growing	MEDIUM-Growing	TALL-Growing
 Dogwood	 Arborvitae	 Maple
 Flowering Crabapple	 Flowering Cherry	 Oak
 Japanese Maple	 Magnolia	 Pine

EVERSOURCE

