

**DATE**

March 8, 2023

**SUBJECT**

Certificate of Appropriateness Request:

H-04-23

Applicant:

Stephen M. Morris

Location of subject property:

49 Georgia St. NW

PIN:

5620-77-1405

Staff Report prepared by:

Autumn C. James, Senior Planner

**BACKGROUND**

- The subject property, 49 Georgia St. NW, is designated as a “Pivotal” structure in the North Union Street Historic District (Exhibit A).
- “Irregular, two-story, three bay façade frame house that retains little of its original Italianate and Second Empire exterior. House has undergone several remodelings. House has projecting, front, southern gable. The center bay is square with a flat roof. The northern bay is recessed from the center. Both north and south bays are gabled with boxed cornices that are supported by drop pendant brackets. Bays also feature sawn detail and paneled molded frieze. Second story of the south elevation also features gable with decorative sawn work. Original Italianate front porch was replaced with Colonial Revival porch that extends two bays and is supported by Tuscan columns. Original foundation is of rock and house features a small rock cistern in back yard. Rear kitchen ell has side gable with boxed cornice. Fenestrations are two-over-two sash except for the transom window flanking the door. Northern porch was enclosed to form a sunroom with latticed sash bungalow windows. North side of house has projecting Queen Anne bay with stained glass. Chimneys have been replaced. (Exhibit A)

**DISCUSSION**

On February 8, 2023, Stephen M. Morris applied for a Certificate of Appropriateness under Concord Development Ordinance (CDO) §9.8 for the removal of trees and construction of a detached accessory structure at the rear of the property. (Exhibit B).

The proposed accessory structure would be located in the rear of the property and measure approximately 30’x 50’. The structure will have wood siding, painted white to match the primary residence, and will also have a composition shingle roof that will also match the residence. The garage doors and arbors will also be constructed from wood, and the posts and brackets will match those on the residence. There will be an extension of the existing gravel drive.

Based on the location of the proposed accessory structure, there are a cluster of seven trees to be removed. One tree can be removed in-house based on its’ assessment rating. The additional trees will require approval. The applicant is willing to follow the arborists recommendation for replacement of trees in an adjacent area.

**ATTACHMENTS**

Exhibit A: National Register of Historic Places Inventory

Exhibit B: Application for Certificate of Appropriateness

Exhibit C: Subject Property Map

Exhibit D: Proposed Accessory Structure

Exhibit E: Applicant Submitted Photographs

Exhibits F: Tree Assessments

## **HISTORIC HANDBOOK DESIGN RECOMMENDATIONS**

### **Approval Requirement Needs Table: Accessory Buildings**

*New construction, demolition, and moving requires Commission Hearing and Approval.*

#### **Chapter 5 – Section 3: New Accessory Structure Construction**

- *Through their siting and relationship to the houses, the streets, and the alleys, the accessory buildings contribute to the historic character of the district as well.*
- *Early garages were typically single-bay structures located in the rear yard at the end of the driveway*
- *Early storage buildings and sheds were usually small frame structures sited toward the back of the rear yard and were generally not visible from the street.*

#### **Design Standards: New Accessory Structure Construction**

1. *Keep the proportion of new garages and accessory structures compatible with the proportion of the main house. Typically, these buildings were smaller in scale than the main house.*
2. *New garages and accessory structures must use traditional roof forms, materials, and details compatible with the main building or historic accessory structures in the district.*
3. *Locate new garages and accessory structures in rear yards and in traditional relationship to the main buildings.*
4. *All accessory structures shall remain detached from the main building.*
5. *Metal utility sheds, metal carports, and metal garages are prohibited.*
6. *Accessory buildings for Pivotal and Contributing structures should complement the siding and roof material of the primary structure.*

### **Approval Requirement Needs Table: Patios, Walks, and Driveways**

*All new patios, walks, and driveways requires Commission Hearing and Approval.*

#### **Chapter 5 – Section 10: Driveways, Walkways, and Parking**

- *Gravel and pavement are acceptable materials for driveways, as are some alternative materials such as cobblestone, brick, and pervious pavers,*

#### **Design Standards: Driveways, Walkways, and Parking**

1. *Parking areas should not be the focal point of the property, and should be located in such a manner as to minimize their visibility from the street.*
2. *Trees should be planted or retained in order to maintain the tree canopy and to minimize the focus of the parking areas.*

### **Approval Requirement Needs Table: Trees**

*Removal of healthy trees or pruning of limbs over six inches in diameter in any location on the property requires Commission Hearing and Approval.*

#### **Chapter 5 – Section 8: Landscaping and Trees**

- *One of the most visible features of the Districts is the landscaping and the associated tree canopy. Activities which negatively impact any aspect of the landscape should be avoided, such as the removal of healthy trees and mature shrubs.*
- *Tree health may be decided upon by the acquisition of a Tree Hazard Evaluation Report issued by the City Arborist or a report submitted by a certified arborist.*

- *Removal of healthy trees over the size of 6 inches in diameter (measured 4 feet above ground) or pruning of healthy tree limbs over 6 inches in diameter requires Historic Preservation Commission review and approval.*
- *City staff may approve a Certificate of Appropriateness for the removal of healthy trees under 6 inches in diameter. Staff may also approve removal or pruning of unhealthy trees/limbs of any size and in any location if the tree is deemed hazardous by the Tree Hazard Evaluation Report.*
- *All trees that are removed should be replaced with a tree of similar species in an appropriate location unless no suitable location exists on the subject site.*

Design Standards: Landscaping and Trees

1. *Trees which are removed shall be replaced by a species which, upon maturity, is similar in scale to the removed specimen. For example, canopy trees shall be replaced with canopy trees, and understory trees with understory trees.*

**RECOMMENDATION**

1. The Historic Preservation Commission should consider the circumstances of this application for a Certificate of Appropriateness relative to the North and South Union Street Historic Districts Handbook and act accordingly.
2. If approved, applicant(s) should be informed of the following:
  - City staff and Commission will make periodic on-site visits to ensure the project is completed as approved.
  - Completed project will be photographed to update the historic properties survey.

United States Department of the Interior  
National Park Service

National Register of Historic Places  
Inventory—Nomination Form

For NPS use only  
received \_\_\_\_\_  
date entered \_\_\_\_\_

Continuation sheet	Item number	Page
<u>Inventory List - North Union Street Historic District, Concord</u>	<u>#7</u>	<u>81</u>

181. John Barnhardt House  
37 Georgia Street, N.W.  
ca. 1915  
C

Two-story Colonial Revival home has square box-shape with rear gable wing. Main hip roof features characteristic exposed rafters. Fenestrations consist of paired three-over-ones and a single three-over-one bungalow sash flanking the principal entrance. Door has sidelights. Interior chimney has exposed facade. Hipped-roofed portico with gable pediment and tapered, paired Tuscan columns is a later addition.

182. (First) W.W. Flowe House  
41 Georgia Street, N.W.  
1913  
C

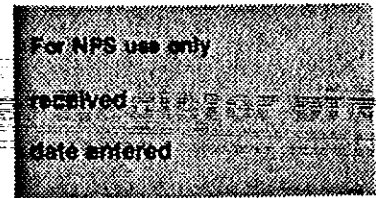
Handsome, two-story, frame house with Colonial Revival and bungalow details. Principal entrance features thin entablature. First floor windows exhibit lovely sixteen paned transoms. Second floor fenestrations are three, twenty-over-one sash with shutters. Centrally placed hipped dormer has paired windows and exposed rafters. The latter can also be found beneath the main hip roof, and the roof of the wrap-around-porch that extends the length of the facade. Porch is supported by square, Doric columns on brick pedestals with stone trim on the pedestals and the brick balustrade. House has two interior chimneys.

183. P.B. Fetzer House  
45-49 Georgia Street, N.W.  
1880  
P

Irregular, two-story, three-bay facade frame house that retains little of its original Italianate and Second Empire exterior. House has undergone several remodelings. House has projecting, front, southern gable. The center bay is square with a flat roof. The northern bay is recessed from the center. Both north and south bays are gabled with boxed cornices that are supported by drop pendant brackets. Bays also feature sawn detail and paneled molded frieze. Center bay also has bracketed cornice and paneled frieze. Second story of south elevation also features gable

United States Department of the Interior  
National Park Service

National Register of Historic Places  
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Continuation sheet

Item number

Page

Inventory List - North Union Street  
Historic District, Concord

#7

82

with decorative sawn work. Original Italianate front porch was replaced with Colonial Revival porch that extends two bays and is supported by Tuscan columns. Original foundation is of rock and house features a small rock cistern in back yard. Rear kitchen ell has side gable with boxed cornice. Fenestrations are two-over-two sash except for the transom window flanking the door. Northern porch was enclosed to form a sunroom with latticed sash bungalow windows. North side of house has projecting Queen Anne bay with stained glass. Chimneys have been replaced.

Pendleton Bernard Fetzer (1849-1912) was a native of Virginia and came to Cabarrus County after the Civil War. Fetzer became a leading cotton buyer by the 1870's and later formed a general merchandising firm with the Cannons.

184. House  
59 Georgia Street, N.W.  
1920  
C

Two-story frame house with hipped dormer and ventilator. Second floor fenestrations are six-over-one. First floor features one pane window with transom. Front porch has molding and features open-paired posts.

185. House  
68 Georgia Street, N.W.  
ca. 1920  
C

A typical frame, L-shape, one-story, cottage features a projecting northern bay with hip roof. latter has hipped dormer with ventilator. Side wing has gable roof with hipped dormer. Slanted entrance of the central bay has flat roof. Porch is covered with a flat roof and wraps-around slanted bay and has shingled balustrade with unusual tapered classical columns. Northern elevation also has dormer with hipped roof. Chimneys are unoriginal. Fenestrations are nice two-over-ones.

186. William Bingham  
36 Georgia Street, N.W.  
1912  
C

**AN INCOMPLETE APPLICATION WILL NOT BE PLACED ON THE AGENDA UNTIL ALL OF THE REQUIRED ATTACHMENTS AND/OR ITEMS LISTED ON PAGE 2 ARE SUBMITTED.**

**APPLICANT INFORMATION**

Name: STEPHEN M. MORRIS  
Address: 49 GEORGIA ST. NW  
City: CONCORD State: NC Zip Code: 28025 Telephone: 704-701-4292  
Email: SMORRIS@GEM-THEATRE.COM

**OWNER INFORMATION**

Name: STEPHEN M. MORRIS  
Address: 49 GEORGIA ST. NW  
City: CONCORD State: NC Zip Code: 28025 Telephone: 704-701-4292  
Email: SMORRIS@GEM-THEATRE.COM

**SUBJECT PROPERTY**

Street Address: 49 GEORGIA ST. NW P.I.N. # 56207714050000  
Area (acres or square feet): 2.28 AC Current Zoning: RM 2 Land Use: \_\_\_\_\_

**Staff Use  
Only:**

Application Received by: \_\_\_\_\_ Date: \_\_\_\_\_, 20\_\_\_\_  
Fee: \$20.00 Received by: \_\_\_\_\_ Date: \_\_\_\_\_, 20\_\_\_\_

*The application fee is nonrefundable.*

**General Requirements**

The Unified Development Ordinance imposes the following rules, regulations and requirements on requests for Certificates of Appropriateness. The applicant must, with reference to the attached plans, demonstrate how the proposed use satisfies these requirements:

1. Project or Type of Work to be Done: NEW DETACHED GARAGE AND SHOP

2. Detailed specifications of the project (type of siding, windows, doors, height/style of fence, color, etc.):

WOOD SIDING PAINTED WHITE TO MATCH RESIDENCE  
GARAGE DOORS & POSTS AS PICTURED ON ATTACHMENT  
NEW GRAVEL DRIVE TO MATCH EXISTING DRIVE  
COMPOSITION SHINGLE ROOF TO MATCH RESIDENCE

**Required  
Attachments/Submittals**

1. Scaled site plan, if additions or accessory structures are proposed, on letter, legal or ledger paper. Larger sized copies will be accepted if 16 folded copies are submitted for distribution.
2. A photograph of the front of the house.
3. Photographs of site, project, or existing structures from a "before" perspective.
4. Drawings, sketches, renderings, elevations, or photographs necessary to present an illustration of the project from an "after" perspective.
5. Samples of windows, doors, brick, siding, etc., may be submitted with application.
6. Detailed list of materials that will be used to complete the project.

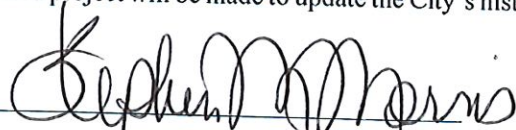
*\*\*\*Applications may be submitted electronically.\*\*\**

**Certification**

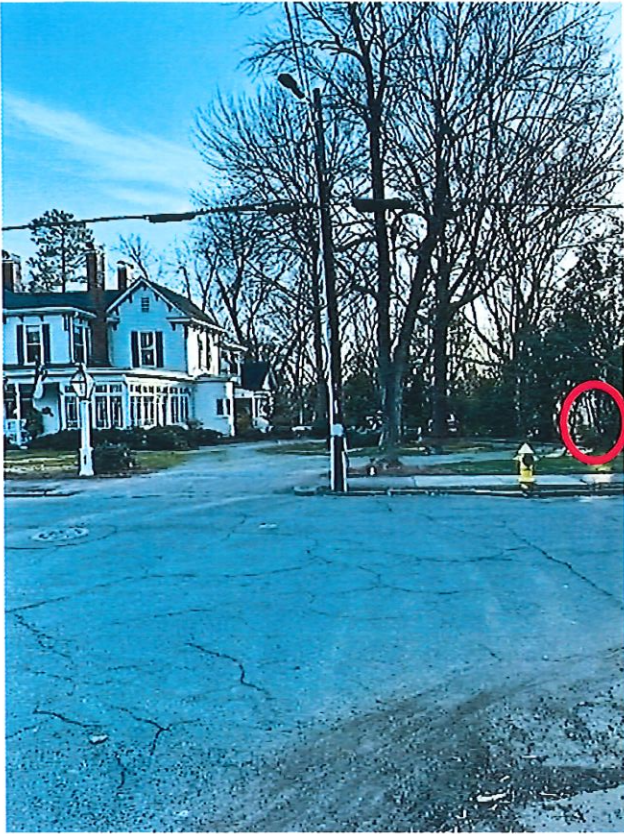
(1) I hereby acknowledge and say that the information contained herein and herewith is true and that this application shall not be scheduled for official consideration until all of the required contents are submitted in proper form to the City of Concord Development Services Department. (2) I understand that City staff and/or members of the Historic Preservation Commission may make routine visits to the site to insure that work being done is the same as the work that was approved. (3) I understand that photographs of the completed project will be made to update the City's historic districts inventory database.

2/8/2023

Date



Signature of Owner/Agent



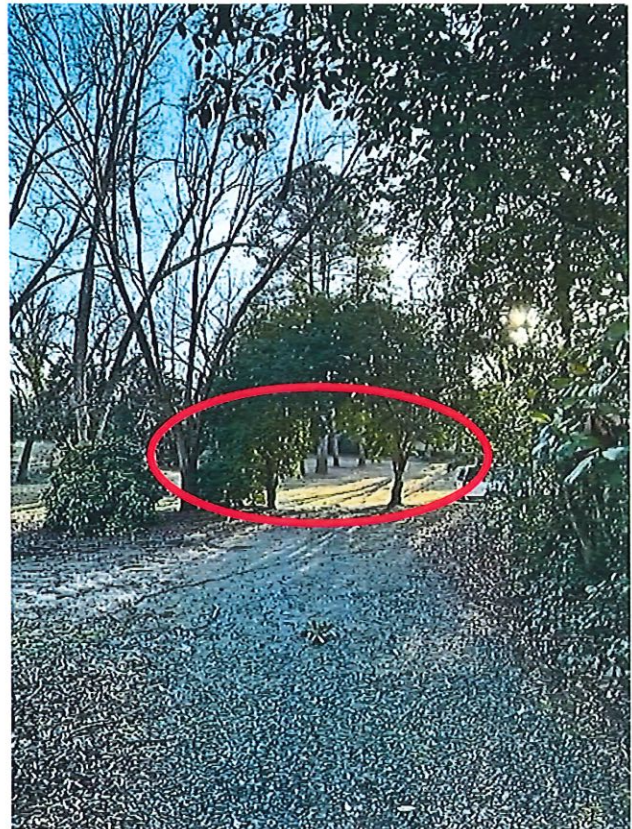
Front view of house showing driveway to back to the right



Driveway to rear next to red truck. New building would be visible through opening in greenery



Front view showing entire house.

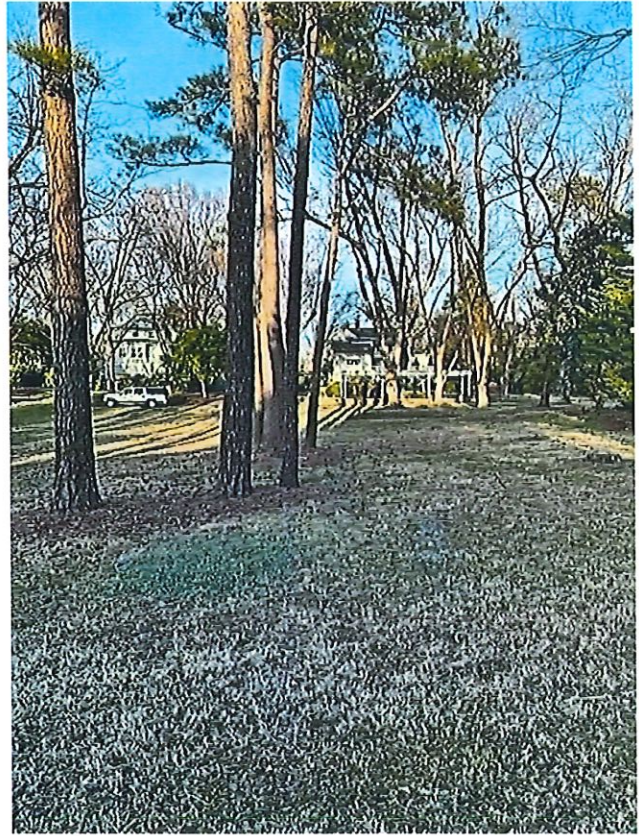


Area in red circle is where the building will be at the back of the property





Area just back of closest pine trees will be location of building. 25' off the back property line



Looking back towards street and seven pine trees that need to be removed

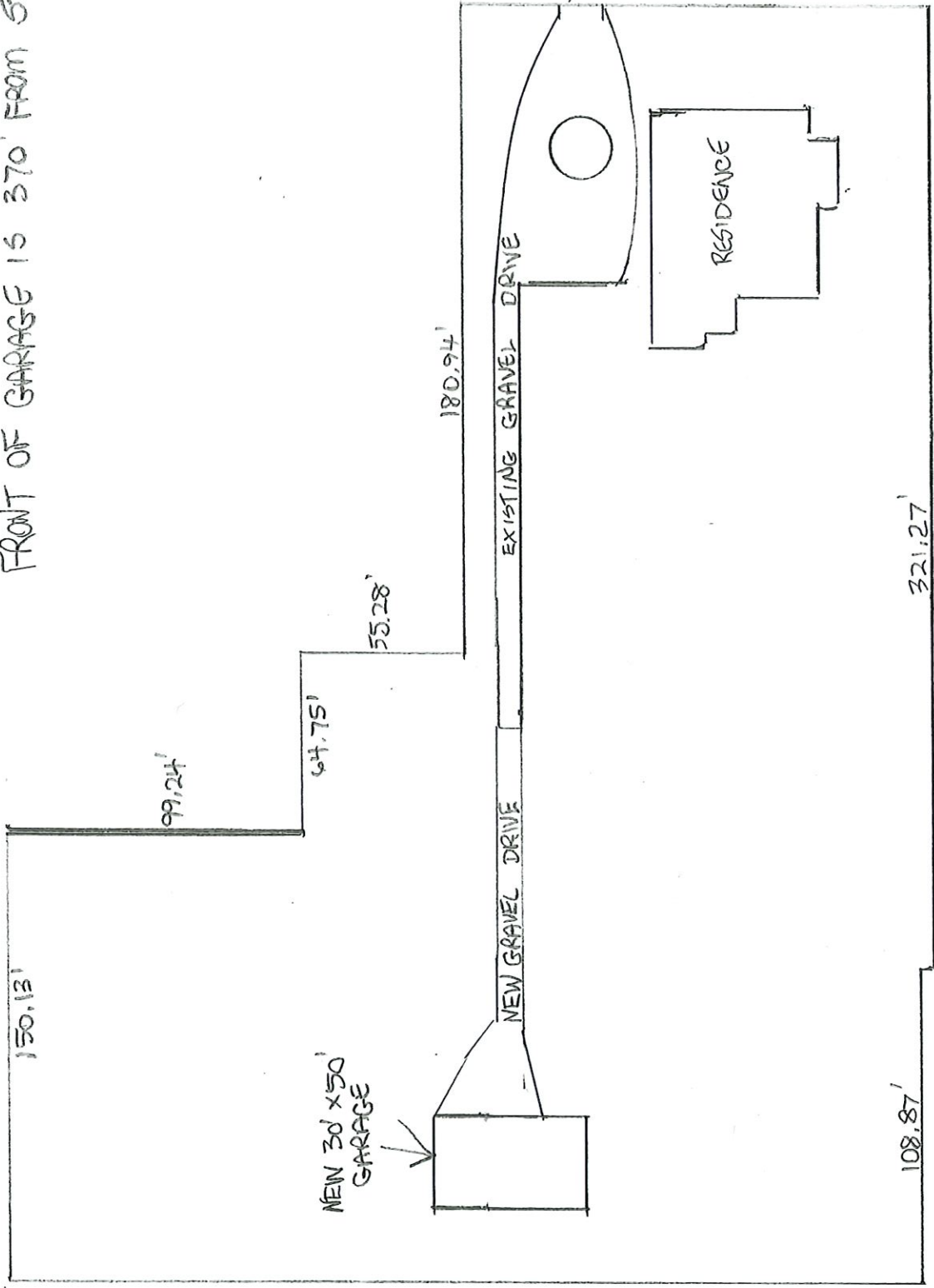


Unhealthy pine trees that need to be removed

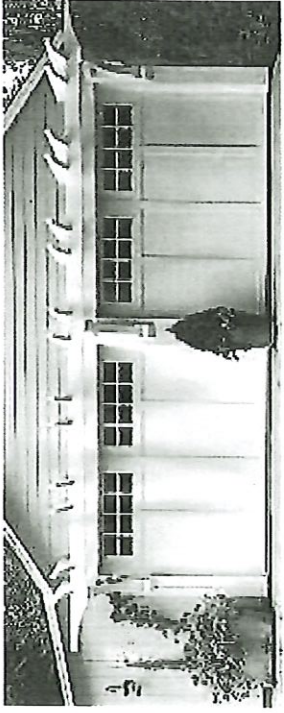


Looking across back of property where the 25' setback will be.

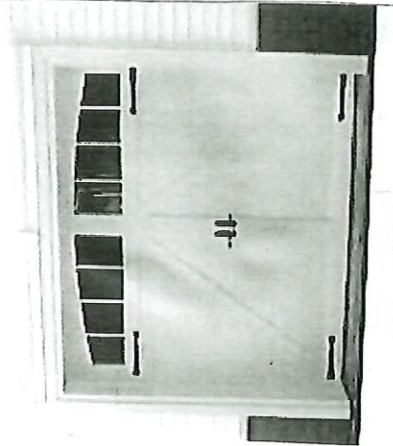
FRONT OF GARAGE IS 370' FROM STREET



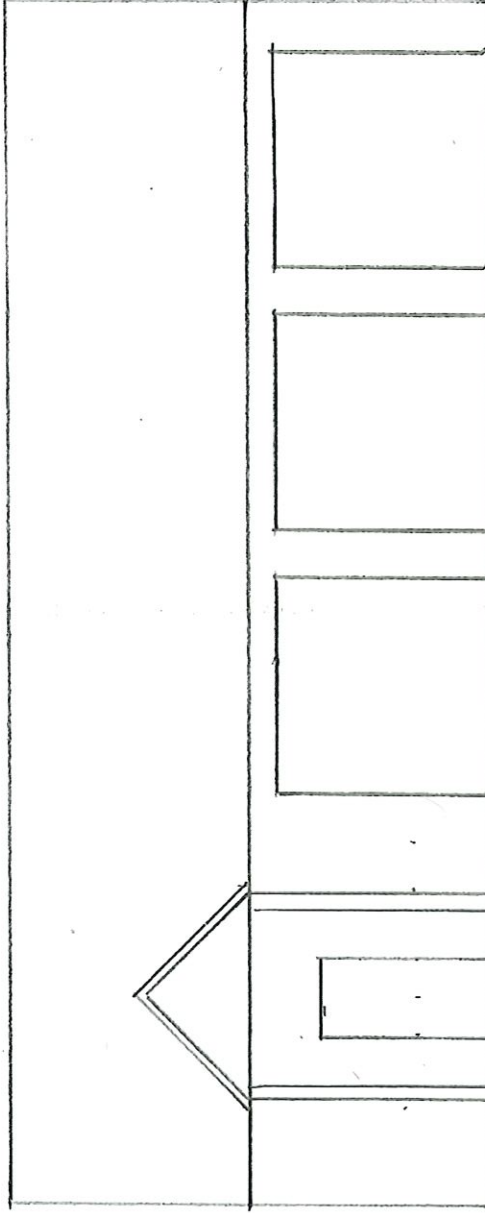
3/32" = 5'



ARBOR TO GO OVER GARAGE DOORS



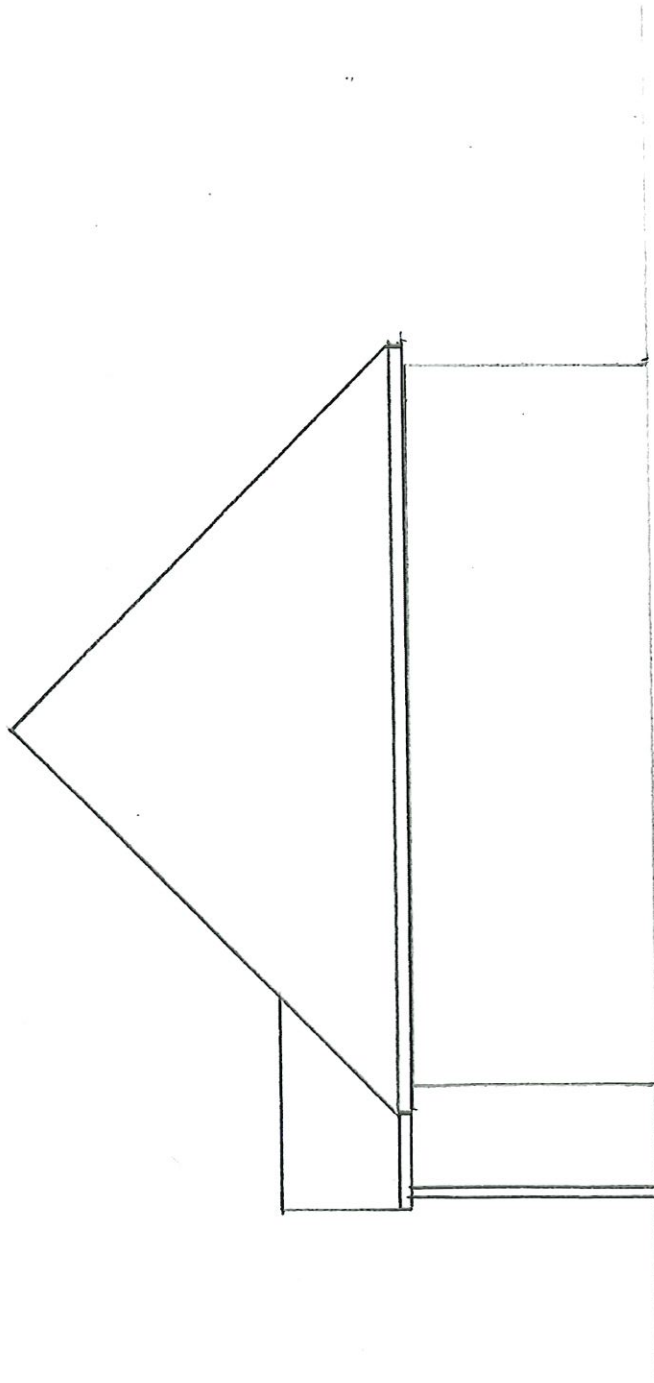
GARAGE DOOR STYLE



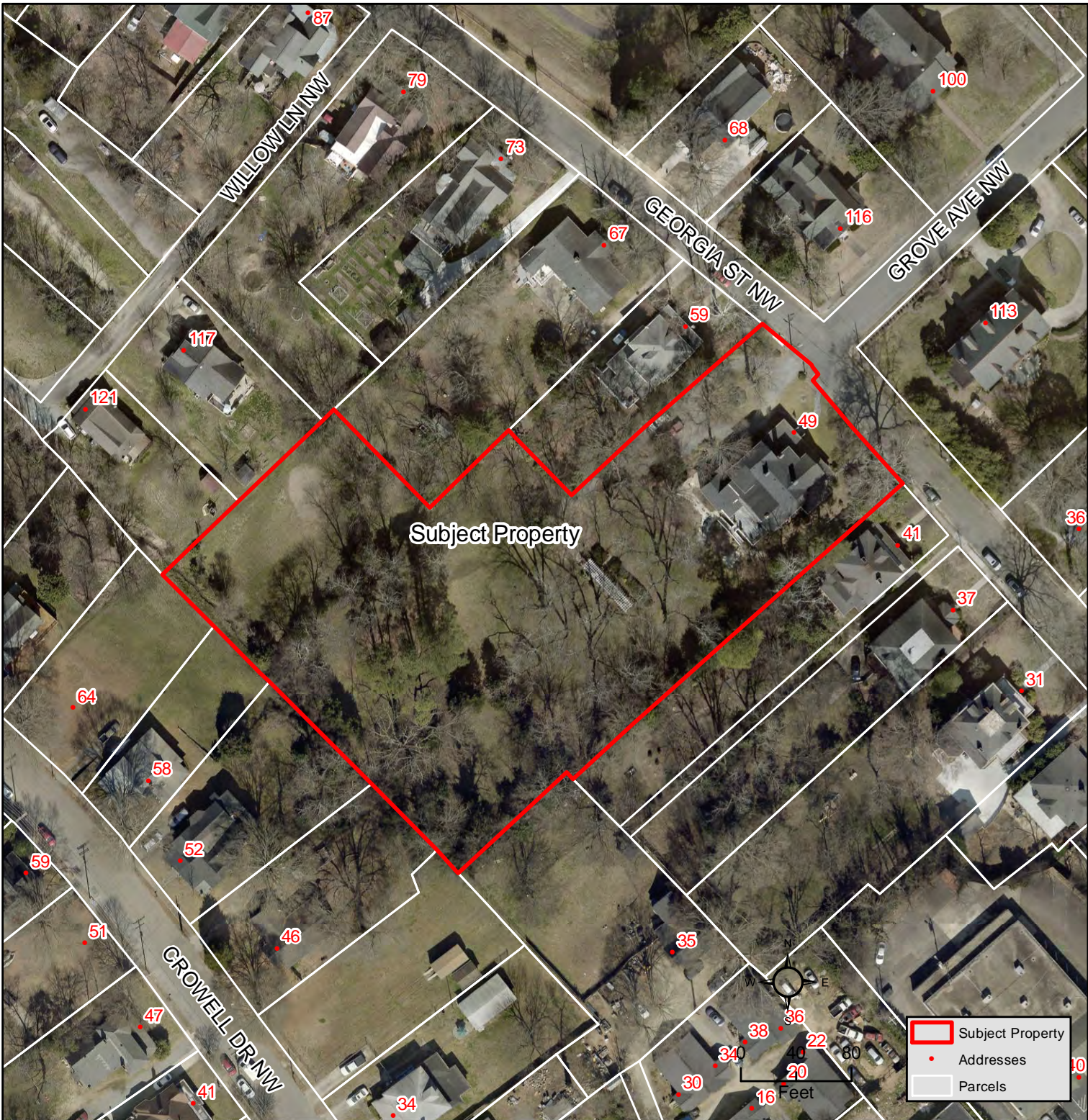
$\frac{1}{8}'' = 1'$

FRONT VIEW

POST AND BRACKETS  
TO MATCH THOSE  
ON HOUSE



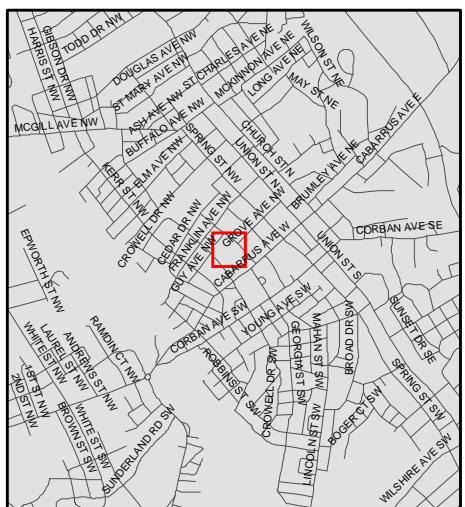
SIDE VIEW



H-04-23

49 Georgia St NW

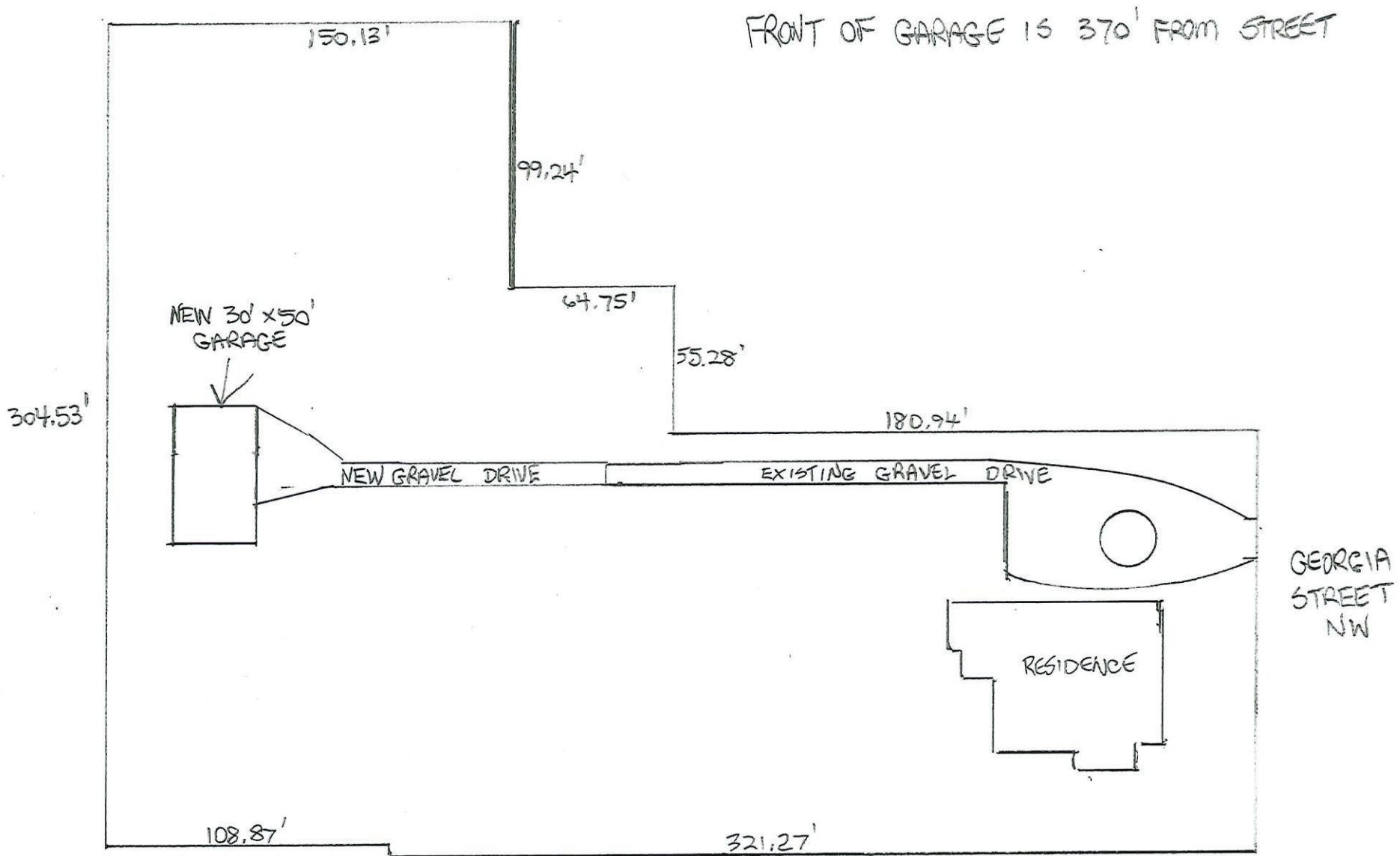
PIN: 5620-77-1405



Source: City of Concord Planning Department

**Disclaimer**

These maps and products are designed for general reference only and data contained herein is subject to change. The City Of Concord, it's employees or agents make no warranty of merchantability or fitness for any purpose, expressed or implied, and assume no legal responsibility for the information contained therein. Data used is from multiple sources with various scales and accuracy. Additional research such as field surveys may be necessary to determine actual conditions.



$3/32" = 5'$

Post Detail



## Siding and Corner Detail







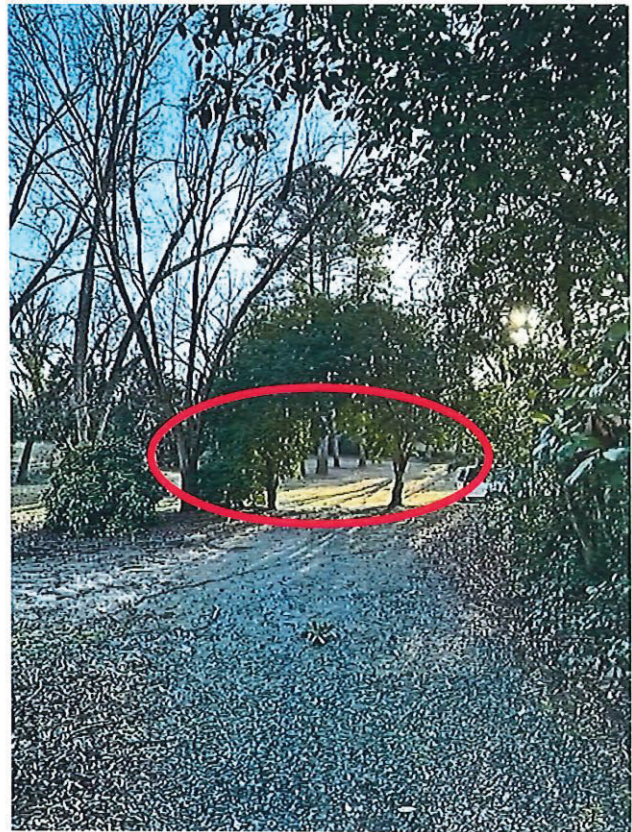
Front view of house showing driveway to back to the right



Driveway to rear next to red truck. New building would be visible through opening in greenery



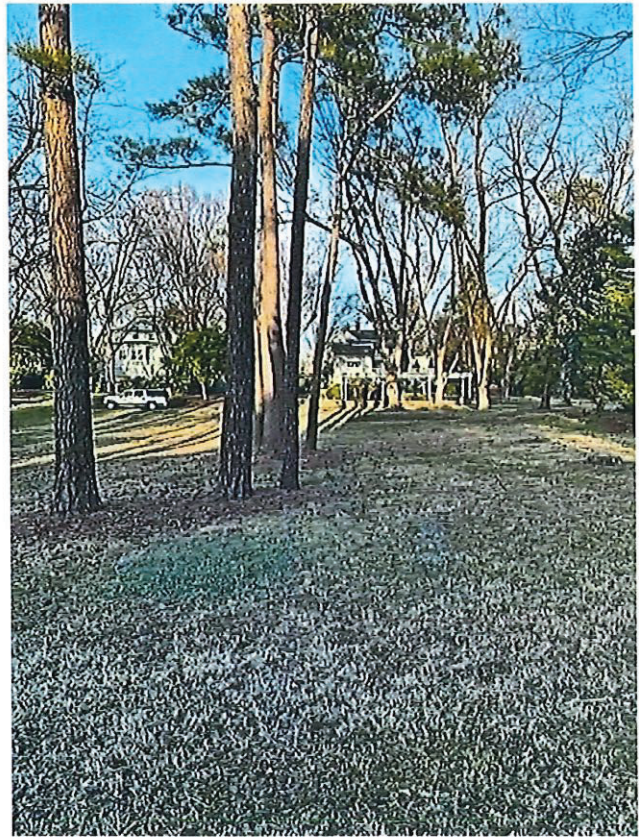
Front view showing entire house.



Area in red circle is where the building will be at the back of the property



Area just back of closest pine trees will be location of building. 25' off the back property line



Looking back towards street and seven pine trees that need to be removed



Unhealthy pine trees that need to be removed



Looking across back of property where the 25' setback will be.



# TREE RISK ASSESSMENT FORM

Site/Address: 49 Georgia St NW

Map/Location: Rear Yard center

Owner: public: \_\_\_\_\_ private:  unknown: \_\_\_\_\_ other: \_\_\_\_\_

Date: 02/14/23\_\_\_\_ Inspector: Bill Leake

Date of last inspection:

## RISK RATING:

**1**            **1**            **0**            **2**  
Failure + Size + Target = Risk  
Potential    of part    Rating    Rating

If approved for removal, the replacement tree species and location shall be listed on the certificate of appropriateness.

## TREE CHARACTERISTICS

Tree #: **1** Species: **Pine (Pinus echinate)**

DBH: **12"** # of trunks: **1** Height: **80'** Spread: **15'**

Form:  generally symmetric  minor asymmetry  major asymmetry  stump sprout  stag-headed

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 98 % Age class:  young  semi-mature  mature  over-mature/senescent

Pruning history:  crown cleaned  excessively thinned  topped  crown raised  pollarded  crown reduced  flush cuts  
 cabled/braced  none  multiple pruning events Approx. dates:

Special Value:  specimen  heritage/historic  wildlife  unusual  street tree  screen  shade  indigenous  protected by gov. agency

## TREE HEALTH

Foliage color.  normal  chlorotic  necrotic Epicormics;

Foliage density:  normal  sparse Leaf size:  normal  small

Annual shoot growth:  excellent  average  poor  none Twig Dieback:

Woundwood :  excellent  average  fair  poor

Vigor class:  excellent  average  fair  poor

Major pests/diseases: None

## Growth obstructions:

stakes  wire/ties  signs  cables

curb/pavement  guards

## SITE CONDITIONS

Site Character:  residence  commercial  industrial  park  open space  natural  woodland/forest

Landscape type:  parkway  raised bed  container  mound  lawn  shrub border  wind break

Irrigation:  none  adequate  inadequate  excessive  trunk wetted

Recent site disturbance? NO  construction  soil disturbance  grade change  herbicide treatment

% dripline paved: 0% Pavement lifted: NO

% dripline w/ fill soil: 0%

% dripline grade lowered: 0%

Soil problems:  drainage  shallow  compacted  droughty  saline  alkaline  acidic  small volume  disease center  history of fail  
 clay  expansive  slope \_\_\_\_\_ ° aspect: \_\_\_\_\_

Conflicts:  lights  signage  line-of-sight  view  overhead lines  underground utilities  traffic  adjacent veg.  \_\_\_\_\_

Exposure to wind:  single tree  below canopy  above canopy  recently exposed  windward, canopy edge  area prone to windthrow

Prevailing wind direction: SW Occurrence of snow/ice storms  never  seldom  regularly

## TARGET

Use Under Tree:  building  parking  traffic  pedestrian  recreation  landscape  hardscape  small features  utility lines

Can target be moved? NO TARGET Can use be restricted? YES

Occupancy:  occasional use  intermittent use  frequent use  constant use

# TREE DEFECTS

## ROOT DEFECTS:

Suspect root rot: NO Mushroom/conk/bracket present: NO ID:

Exposed roots:  severe  moderate  low Undermined:  severe  moderate  low

Root pruned: distance from trunk Root area affected: \_\_\_\_ Buttress wounded:  When: \_\_\_\_\_

Restricted root area:  severe  moderate  low Potential for root failure:  severe  moderate  low

LEAN: 2 deg. from vertical  natural  unnatural  self-corrected  Soil heaving:

Decay in plane of lean:  Roots broken:  Soil cracking:

Compounding factors: Lean severity:  severe  moderate  low

Concern Areas: Indicate presence of individual structural issues and rate their severity (S = severe, M = moderate, L = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				L
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

## RISK RATING

Tree part most likely to fail in the next six months: Branches

Failure potential: **1** - low; **2** - medium; **3** - high; **4** - severe

Size of part: **0**- 0"- 3" **1**- 3"-6" **2**- 6"-18" **3**- 18"-30" **4**- >30"

Target rating: **0**- no target **1**- occasional use **2**- intermittent use **3**- frequent use **4**- constant use

### Maintenance Recommendations

none  remove defective part  reduce end weight  crown clean

thin  raise canopy  crown reduce  restructure  cable/brace

Inspect further  root crown  decay  aerial  monitor

Remove tree  If replaced, a similar sized tree species would be appropriate in same general location

If replaced, alternate tree replacement locations are available

Effect on adjacent trees:  none  evaluate

Notification:  owner  manager  governing agency

Date: 02/14/23

## COMMENTS

This tree has no defects or concerns indicating risk above the normal for this tree species.

Bill Leake

# TREE RISK ASSESSMENT FORM

Site/Address: 49 Georgia St NW

Map/Location: Rear Yard center

Owner: public: \_\_\_\_\_ private: X unknown: \_\_\_\_\_ other: \_\_\_\_\_

Date: 02/14/23\_\_\_\_ Inspector: Bill Leake

Date of last inspection:

## RISK RATING:

**1**            **1**            **0**            **2**  
Failure + Size + Target = Risk  
Potential    of part    Rating    Rating

If approved for removal, the replacement tree species and location shall be listed on the certificate of appropriateness.

## TREE CHARACTERISTICS

Tree #: **2** Species: **Pine (Pinus echinate)**

DBH: **24.5"** # of trunks: **1** Height: **90'** Spread: **30'**

Form:  generally symmetric  minor asymmetry  major asymmetry  stump sprout  stag-headed

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 98 % Age class:  young  semi-mature  mature  over-mature/senescent

Pruning history:  crown cleaned  excessively thinned  topped  crown raised  pollarded  crown reduced  flush cuts  
 cabled/braced  none  multiple pruning events Approx. dates:

Special Value:  specimen  heritage/historic  wildlife  unusual  street tree  screen  shade  indigenous  protected by gov. agency

## TREE HEALTH

Foliage color.  normal  chlorotic  necrotic Epicormics;

Foliage density:  normal  sparse Leaf size:  normal  small

Annual shoot growth:  excellent  average  poor  none Twig Dieback:

Woundwood :  excellent  average  fair  poor

Vigor class:  excellent  average  fair  poor

Major pests/diseases: None

## Growth obstructions:

stakes  wire/ties  signs  cables

curb/pavement  guards

## SITE CONDITIONS

Site Character:  residence  commercial  industrial  park  open space  natural  woodland/forest

Landscape type:  parkway  raised bed  container  mound  lawn  shrub border  wind break

Irrigation:  none  adequate  inadequate  excessive  trunk wetted

Recent site disturbance? NO  construction  soil disturbance  grade change  herbicide treatment

% dripline paved: 0% Pavement lifted: NO

% dripline w/ fill soil: 0%

% dripline grade lowered: 0%

Soil problems:  drainage  shallow  compacted  droughty  saline  alkaline  acidic  small volume  disease center  history of fail  
 clay  expansive  slope \_\_\_\_\_ ° aspect: \_\_\_\_\_

Conflicts:  lights  signage  line-of-sight  view  overhead lines  underground utilities  traffic  adjacent veg.  \_\_\_\_\_

Exposure to wind:  single tree  below canopy  above canopy  recently exposed  windward, canopy edge  area prone to windthrow

Prevailing wind direction: SW Occurrence of snow/ice storms  never  seldom  regularly

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Use Under Tree:  building  parking  traffic  pedestrian  recreation  landscape  hardscape  small features  utility lines

Can target be moved? NO TARGET Can use be restricted? YES

Occupancy:  occasional use  intermittent use  frequent use  constant use

# TREE DEFECTS

## ROOT DEFECTS:

Suspect root rot: NO Mushroom/conk/bracket present: NO ID:

Exposed roots:  severe  moderate  low Undermined:  severe  moderate  low

Root pruned: distance from trunk Root area affected: \_\_\_\_ Buttress wounded:  When: \_\_\_\_\_

Restricted root area:  severe  moderate  low Potential for root failure:  severe  moderate  low

LEAN: 2 deg. from vertical  natural  unnatural  self-corrected  Soil heaving:

Decay in plane of lean:  Roots broken:  Soil cracking:

Compounding factors: Lean severity:  severe  moderate  low

Concern Areas: Indicate presence of individual structural issues and rate their severity (S = severe, M = moderate, L = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				L
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

## RISK RATING

Tree part most likely to fail in the next six months: Branches

Failure potential: **1** - low; **2** - medium; **3** - high; **4** - severe

Size of part: **0**- 0"- 3" **1**- 3"-6" **2**- 6"-18" **3**- 18"-30" **4**- >30"

Target rating: **0**- no target **1**- occasional use **2**-intermittent use **3**-frequent use **4**-constant use

### Maintenance Recommendations

none  remove defective part  reduce end weight  crown clean

thin  raise canopy  crown reduce  restructure  cable/brace

Inspect further  root crown  decay  aerial  monitor

Remove tree  If replaced, a similar sized tree species would be appropriate in same general location

If replaced, alternate tree replacement locations are available

Effect on adjacent trees:  none  evaluate

Notification:  owner  manager  governing agency

Date: 02/14/23

## COMMENTS

This tree has no defects or concerns indicating risk above the normal for this tree species.

Bill Leake

# TREE RISK ASSESSMENT FORM

Site/Address: 49 Georgia St NW

Map/Location: Rear Yard center

Owner: public: \_\_\_\_\_ private: X unknown: \_\_\_\_\_ other: \_\_\_\_\_

Date: 02/14/23\_\_\_\_ Inspector: Bill Leake

Date of last inspection:

## RISK RATING:

**1**            **1**            **0**            **2**  
Failure + Size + Target = Risk  
Potential    of part    Rating    Rating

If approved for removal, the replacement tree species and location shall be listed on the certificate of appropriateness.

## TREE CHARACTERISTICS

Tree #: **3** Species: **Pine (Pinus echinate)**

DBH: **24.5"** # of trunks: **1** Height: **90'** Spread: **30'**

Form:  generally symmetric  minor asymmetry  major asymmetry  stump sprout  stag-headed

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 98 % Age class:  young  semi-mature  mature  over-mature/senescent

Pruning history:  crown cleaned  excessively thinned  topped  crown raised  pollarded  crown reduced  flush cuts  
 cabled/braced  none  multiple pruning events Approx. dates:

Special Value:  specimen  heritage/historic  wildlife  unusual  street tree  screen  shade  indigenous  protected by gov. agency

## TREE HEALTH

Foliage color.  normal  chlorotic  necrotic Epicormics;

Foliage density:  normal  sparse Leaf size:  normal  small

Annual shoot growth:  excellent  average  poor  none Twig Dieback:

Woundwood :  excellent  average  fair  poor

Vigor class:  excellent  average  fair  poor

Major pests/diseases: None

## Growth obstructions:

stakes  wire/ties  signs  cables

curb/pavement  guards

## SITE CONDITIONS

Site Character:  residence  commercial  industrial  park  open space  natural  woodland/forest

Landscape type:  parkway  raised bed  container  mound  lawn  shrub border  wind break

Irrigation:  none  adequate  inadequate  excessive  trunk wetted

Recent site disturbance? NO  construction  soil disturbance  grade change  herbicide treatment

% dripline paved: 0% Pavement lifted: NO

% dripline w/ fill soil: 0%

% dripline grade lowered: 0%

Soil problems:  drainage  shallow  compacted  droughty  saline  alkaline  acidic  small volume  disease center  history of fail  
 clay  expansive  slope \_\_\_\_\_ ° aspect: \_\_\_\_\_

Conflicts:  lights  signage  line-of-sight  view  overhead lines  underground utilities  traffic  adjacent veg.  \_\_\_\_\_

Exposure to wind:  single tree  below canopy  above canopy  recently exposed  windward, canopy edge  area prone to windthrow

Prevailing wind direction: SW Occurrence of snow/ice storms  never  seldom  regularly

## TARGET

Use Under Tree:  building  parking  traffic  pedestrian  recreation  landscape  hardscape  small features  utility lines

Can target be moved? NO TARGET Can use be restricted? YES

Occupancy:  occasional use  intermittent use  frequent use  constant use



# TREE DEFECTS

## ROOT DEFECTS:

Suspect root rot: NO Mushroom/conk/bracket present: NO ID:

Exposed roots:  severe  moderate  low Undermined:  severe  moderate  low

Root pruned: distance from trunk Root area affected: \_\_\_\_ Buttress wounded:  When: \_\_\_\_\_

Restricted root area:  severe  moderate  low Potential for root failure:  severe  moderate  low

LEAN: 2 deg. from vertical  natural  unnatural  self-corrected  Soil heaving:

Decay in plane of lean:  Roots broken:  Soil cracking:

Compounding factors: Lean severity:  severe  moderate  low

Concern Areas: Indicate presence of individual structural issues and rate their severity (S = severe, M = moderate, L = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				L
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

## RISK RATING

Tree part most likely to fail in the next six months: Branches

Failure potential: **1** - low; **2** - medium; **3** - high; **4** - severe

Size of part: **0**-0"-3" **1**-3"-6" **2**-6"-18" **3**-18"-30" **4**->30"

Target rating: **0**-no target **1**-occasional use **2**-intermittent use **3**-frequent use **4**-constant use

### Maintenance Recommendations

none  remove defective part  reduce end weight  crown clean

thin  raise canopy  crown reduce  restructure  cable/brace

Inspect further  root crown  decay  aerial  monitor

Remove tree  If replaced, a similar sized tree species would be appropriate in same general location

If replaced, alternate tree replacement locations are available

Effect on adjacent trees:  none  evaluate

Notification:  owner  manager  governing agency

Date: 02/14/23

## COMMENTS

This tree has no defects or concerns indicating risk above the normal for this tree species.

Bill Leake

# TREE RISK ASSESSMENT FORM

Site/Address: 49 Georgia St NW

Map/Location: Rear Yard center

Owner: public: \_\_\_\_\_ private: X unknown: \_\_\_\_\_ other: \_\_\_\_\_

Date: 02/14/23\_\_\_\_ Inspector: Bill Leake

Date of last inspection:

## RISK RATING:

**3**      **3**      **0**      **6**  
Failure + Size + Target = Risk  
Potential of part Rating Rating

If approved for removal, the replacement tree species and location shall be listed on the certificate of appropriateness.

## TREE CHARACTERISTICS

Tree #: 4 Species: Pine (Pinus echinate)

DBH: 21.5" # of trunks: 1 Height: 90' Spread: 25'

Form:  generally symmetric  minor asymmetry  major asymmetry  stump sprout  stag-headed

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 95 % Age class:  young  semi-mature  mature  over-mature/senescent

Pruning history:  crown cleaned  excessively thinned  topped  crown raised  pollarded  crown reduced  flush cuts  
 cabled/braced  none  multiple pruning events Approx. dates:

Special Value:  specimen  heritage/historic  wildlife  unusual  street tree  screen  shade  indigenous  protected by gov. agency

## TREE HEALTH

Foliage color.  normal  chlorotic  necrotic Epicormics;

Foliage density:  normal  sparse Leaf size:  normal  small

Annual shoot growth:  excellent  average  poor  none Twig Dieback:

Woundwood :  excellent  average  fair  poor

Vigor class:  excellent  average  fair  poor

Major pests/diseases: Decay in Trunk

## Growth obstructions:

stakes  wire/ties  signs  cables

curb/pavement  guards

## SITE CONDITIONS

Site Character:  residence  commercial  industrial  park  open space  natural  woodland/forest

Landscape type:  parkway  raised bed  container  mound  lawn  shrub border  wind break

Irrigation:  none  adequate  inadequate  excessive  trunk wetted

Recent site disturbance? NO  construction  soil disturbance  grade change  herbicide treatment

% dripline paved: 0% Pavement lifted: NO

% dripline w/ fill soil: 0%

% dripline grade lowered: 0%

Soil problems:  drainage  shallow  compacted  droughty  saline  alkaline  acidic  small volume  disease center  history of fail  
 clay  expansive  slope \_\_\_\_\_ ° aspect: \_\_\_\_\_

Conflicts:  lights  signage  line-of-sight  view  overhead lines  underground utilities  traffic  adjacent veg.  \_\_\_\_\_

Exposure to wind:  single tree  below canopy  above canopy  recently exposed  windward, canopy edge  area prone to windthrow

Prevailing wind direction: SW Occurrence of snow/ice storms  never  seldom  regularly

## TARGET

Use Under Tree:  building  parking  traffic  pedestrian  recreation  landscape  hardscape  small features  utility lines

Can target be moved? NO TARGET Can use be restricted? YES

Occupancy:  occasional use  intermittent use  frequent use  constant use

# TREE DEFECTS

## ROOT DEFECTS:

Suspect root rot: YES Mushroom/conk/bracket present: NO ID:

Exposed roots:  severe  moderate  low Undermined:  severe  moderate  low

Root pruned: distance from trunk Root area affected: \_\_\_\_ Buttress wounded:  When: \_\_\_\_\_

Restricted root area:  severe  moderate  low Potential for root failure:  severe  moderate  low

LEAN: 3 deg. from vertical  natural  unnatural  self-corrected  Soil heaving:

Decay in plane of lean:  Roots broken:  Soil cracking:

Compounding factors: Lean severity:  severe  moderate  low

Concern Areas: Indicate presence of individual structural issues and rate their severity (S = severe, M = moderate, L = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay	S	M		
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				L
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

## RISK RATING

Tree part most likely to fail in the next six months: Trunk

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe

Size of part: 0-0"-3" 1-3"-6" 2-6"-18" 3-18"-30" 4->30"

Target rating: 0 - no target 1 - occasional use 2 - intermittent use 3 - frequent use 4 - constant use

## Maintenance Recommendations

Failure Potential + Size of Part + Target Rating = Hazard Rating  
 3                    3                    0                    6

- none  remove defective part  reduce end weight  crown clean  
 thin  raise canopy  crown reduce  restructure  cable/brace

Inspect further  root crown  decay  aerial  monitor

Remove tree  If replaced, a similar sized tree species would be appropriate in same general location

If replaced, alternate tree replacement locations are available

Effect on adjacent trees:  none  evaluate

Notification:  owner  manager  governing agency

Date: 02/14/23

## COMMENTS

This tree has considerable decay in the lower trunk. I recommend removal and replacement.

Bill Leake

# TREE RISK ASSESSMENT FORM

Site/Address: 49 Georgia St NW

Map/Location: Rear Yard center

Owner: public: \_\_\_\_\_ private:  unknown: \_\_\_\_\_ other: \_\_\_\_\_

Date: 02/14/23\_\_\_\_ Inspector: Bill Leake

Date of last inspection:

## RISK RATING:

**1**            **1**            **0**            **2**  
Failure + Size + Target = Risk  
Potential    of part    Rating    Rating

If approved for removal, the replacement tree species and location shall be listed on the certificate of appropriateness.

## TREE CHARACTERISTICS

Tree #: 5 Species: Pine (Pinus echinate)

DBH: 15" # of trunks: 1 Height: 50' Spread: 20'

Form:  generally symmetric  minor asymmetry  major asymmetry  stump sprout  stag-headed

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 98 % Age class:  young  semi-mature  mature  over-mature/senescent

Pruning history:  crown cleaned  excessively thinned  topped  crown raised  pollarded  crown reduced  flush cuts  
 cabled/braced  none  multiple pruning events Approx. dates:

Special Value:  specimen  heritage/historic  wildlife  unusual  street tree  screen  shade  indigenous  protected by gov. agency

## TREE HEALTH

Foliage color.  normal  chlorotic  necrotic Epicormics;

Foliage density:  normal  sparse Leaf size:  normal  small

Annual shoot growth:  excellent  average  poor  none Twig Dieback:

Woundwood :  excellent  average  fair  poor

Vigor class:  excellent  average  fair  poor

Major pests/diseases: None

## Growth obstructions:

stakes  wire/ties  signs  cables

curb/pavement  guards

## SITE CONDITIONS

Site Character:  residence  commercial  industrial  park  open space  natural  woodland/forest

Landscape type:  parkway  raised bed  container  mound  lawn  shrub border  wind break

Irrigation:  none  adequate  inadequate  excessive  trunk wetted

Recent site disturbance? NO  construction  soil disturbance  grade change  herbicide treatment

% dripline paved: 0% Pavement lifted: NO

% dripline w/ fill soil: 0%

% dripline grade lowered: 0%

Soil problems:  drainage  shallow  compacted  droughty  saline  alkaline  acidic  small volume  disease center  history of fail  
 clay  expansive  slope \_\_\_\_\_ ° aspect: \_\_\_\_\_

Conflicts:  lights  signage  line-of-sight  view  overhead lines  underground utilities  traffic  adjacent veg.  \_\_\_\_\_

Exposure to wind:  single tree  below canopy  above canopy  recently exposed  windward, canopy edge  area prone to windthrow

Prevailing wind direction: SW Occurrence of snow/ice storms  never  seldom  regularly

## TARGET

Use Under Tree:  building  parking  traffic  pedestrian  recreation  landscape  hardscape  small features  utility lines

Can target be moved? NO TARGET Can use be restricted? YES

Occupancy:  occasional use  intermittent use  frequent use  constant use

# TREE DEFECTS

## ROOT DEFECTS:

Suspect root rot: NO Mushroom/conk/bracket present: NO ID:

Exposed roots:  severe  moderate  low Undermined:  severe  moderate  low

Root pruned: distance from trunk Root area affected: \_\_\_\_ Buttress wounded:  When: \_\_\_\_\_

Restricted root area:  severe  moderate  low Potential for root failure:  severe  moderate  low

LEAN: 2 deg. from vertical  natural  unnatural  self-corrected  Soil heaving:

Decay in plane of lean:  Roots broken:  Soil cracking:

Compounding factors: Lean severity:  severe  moderate  low

Concern Areas: Indicate presence of individual structural issues and rate their severity (S = severe, M = moderate, L = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				L
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

## RISK RATING

Tree part most likely to fail in the next six months: Branches

Failure potential: **1** - low; **2** - medium; **3** - high; **4** - severe

Size of part: **0**- 0"- 3" **1**- 3"-6" **2**- 6"-18" **3**- 18"-30" **4**- >30"

Target rating: **0**- no target **1**- occasional use **2**- intermittent use **3**- frequent use **4**- constant use

### Maintenance Recommendations

none  remove defective part  reduce end weight  crown clean

thin  raise canopy  crown reduce  restructure  cable/brace

Inspect further  root crown  decay  aerial  monitor

Remove tree  If replaced, a similar sized tree species would be appropriate in same general location

If replaced, alternate tree replacement locations are available

Effect on adjacent trees:  none  evaluate

Notification:  owner  manager  governing agency

Date: 02/14/23

## COMMENTS

This tree has no defects or concerns indicating risk above the normal for this tree species.

Bill Leake

# TREE RISK ASSESSMENT FORM

Site/Address: 49 Georgia St NW

Map/Location: Rear Yard center

Owner: public: \_\_\_\_\_ private:  unknown: \_\_\_\_\_ other: \_\_\_\_\_

Date: 02/14/23\_\_\_\_ Inspector: Bill Leake

Date of last inspection:

## RISK RATING:

**1**            **1**            **0**            **2**  
Failure + Size + Target = Risk  
Potential    of part    Rating    Rating

If approved for removal, the replacement tree species and location shall be listed on the certificate of appropriateness.

## TREE CHARACTERISTICS

Tree #: 6 Species: Pine (Pinus echinate)

DBH: 23" # of trunks: 1 Height: 95' Spread: 30'

Form:  generally symmetric  minor asymmetry  major asymmetry  stump sprout  stag-headed

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 98 % Age class:  young  semi-mature  mature  over-mature/senescent

Pruning history:  crown cleaned  excessively thinned  topped  crown raised  pollarded  crown reduced  flush cuts  
 cabled/braced  none  multiple pruning events Approx. dates:

Special Value:  specimen  heritage/historic  wildlife  unusual  street tree  screen  shade  indigenous  protected by gov. agency

## TREE HEALTH

Foliage color.  normal  chlorotic  necrotic Epicormics;

Foliage density:  normal  sparse Leaf size:  normal  small

Annual shoot growth:  excellent  average  poor  none Twig Dieback:

Woundwood :  excellent  average  fair  poor

Vigor class:  excellent  average  fair  poor

Major pests/diseases: None

## Growth obstructions:

stakes  wire/ties  signs  cables

curb/pavement  guards

## SITE CONDITIONS

Site Character:  residence  commercial  industrial  park  open space  natural  woodland/forest

Landscape type:  parkway  raised bed  container  mound  lawn  shrub border  wind break

Irrigation:  none  adequate  inadequate  excessive  trunk wetted

Recent site disturbance? NO  construction  soil disturbance  grade change  herbicide treatment

% dripline paved: 0% Pavement lifted: NO

% dripline w/ fill soil: 0%

% dripline grade lowered: 0%

Soil problems:  drainage  shallow  compacted  droughty  saline  alkaline  acidic  small volume  disease center  history of fail  
 clay  expansive  slope \_\_\_\_\_ ° aspect: \_\_\_\_\_

Conflicts:  lights  signage  line-of-sight  view  overhead lines  underground utilities  traffic  adjacent veg.  \_\_\_\_\_

Exposure to wind:  single tree  below canopy  above canopy  recently exposed  windward, canopy edge  area prone to windthrow

Prevailing wind direction: SW Occurrence of snow/ice storms  never  seldom  regularly

## TARGET

Use Under Tree:  building  parking  traffic  pedestrian  recreation  landscape  hardscape  small features  utility lines

Can target be moved? NO TARGET Can use be restricted? YES

Occupancy:  occasional use  intermittent use  frequent use  constant use

# TREE DEFECTS

## ROOT DEFECTS:

Suspect root rot: NO Mushroom/conk/bracket present: NO ID:

Exposed roots:  severe  moderate  low Undermined:  severe  moderate  low

Root pruned: distance from trunk Root area affected: \_\_\_\_ Buttress wounded:  When: \_\_\_\_\_

Restricted root area:  severe  moderate  low Potential for root failure:  severe  moderate  low

LEAN: 2 deg. from vertical  natural  unnatural  self-corrected  Soil heaving:

Decay in plane of lean:  Roots broken:  Soil cracking:

Compounding factors: Lean severity:  severe  moderate  low

Concern Areas: Indicate presence of individual structural issues and rate their severity (S = severe, M = moderate, L = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				L
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

## RISK RATING

Tree part most likely to fail in the next six months: Branches

Failure potential: **1** - low; **2** - medium; **3** - high; **4** - severe

Size of part: **0**- 0"- 3" **1**- 3"-6" **2**- 6"-18" **3**- 18"-30" **4**- >30"

Target rating: **0**- no target **1**- occasional use **2**- intermittent use **3**- frequent use **4**- constant use

### Maintenance Recommendations

none  remove defective part  reduce end weight  crown clean

thin  raise canopy  crown reduce  restructure  cable/brace

Inspect further  root crown  decay  aerial  monitor

Remove tree  If replaced, a similar sized tree species would be appropriate in same general location

If replaced, alternate tree replacement locations are available

Effect on adjacent trees:  none  evaluate

Notification:  owner  manager  governing agency

Date: 02/14/23

## COMMENTS

This tree has no defects or concerns indicating risk above the normal for this tree species.

Bill Leake

# TREE RISK ASSESSMENT FORM

Site/Address: 49 Georgia St NW

Map/Location: Rear Yard center

Owner: public: \_\_\_\_\_ private:  unknown: \_\_\_\_\_ other: \_\_\_\_\_

Date: 02/14/23\_\_\_\_ Inspector: Bill Leake

Date of last inspection:

## RISK RATING:

**1**            **1**            **0**            **2**  
Failure + Size + Target = Risk  
Potential    of part    Rating    Rating

If approved for removal, the replacement tree species and location shall be listed on the certificate of appropriateness.

## TREE CHARACTERISTICS

Tree #: **7** Species: **Pine (Pinus echinate)**

DBH: **23"** # of trunks: **1** Height: **95'** Spread: **30'**

Form:  generally symmetric  minor asymmetry  major asymmetry  stump sprout  stag-headed

Crown class:  dominant  co-dominant  intermediate  suppressed

Live crown ratio: 98 % Age class:  young  semi-mature  mature  over-mature/senescent

Pruning history:  crown cleaned  excessively thinned  topped  crown raised  pollarded  crown reduced  flush cuts  
 cabled/braced  none  multiple pruning events Approx. dates:

Special Value:  specimen  heritage/historic  wildlife  unusual  street tree  screen  shade  indigenous  protected by gov. agency

## TREE HEALTH

Foliage color.  normal  chlorotic  necrotic Epicormics;

Foliage density:  normal  sparse Leaf size:  normal  small

Annual shoot growth:  excellent  average  poor  none Twig Dieback:

Woundwood :  excellent  average  fair  poor

Vigor class:  excellent  average  fair  poor

Major pests/diseases: None

## Growth obstructions:

stakes  wire/ties  signs  cables

curb/pavement  guards

## SITE CONDITIONS

Site Character:  residence  commercial  industrial  park  open space  natural  woodland/forest

Landscape type:  parkway  raised bed  container  mound  lawn  shrub border  wind break

Irrigation:  none  adequate  inadequate  excessive  trunk wetted

Recent site disturbance? NO  construction  soil disturbance  grade change  herbicide treatment

% dripline paved: 0% Pavement lifted: NO

% dripline w/ fill soil: 0%

% dripline grade lowered: 0%

Soil problems:  drainage  shallow  compacted  droughty  saline  alkaline  acidic  small volume  disease center  history of fail  
 clay  expansive  slope \_\_\_\_\_ ° aspect: \_\_\_\_\_

Conflicts:  lights  signage  line-of-sight  view  overhead lines  underground utilities  traffic  adjacent veg.  \_\_\_\_\_

Exposure to wind:  single tree  below canopy  above canopy  recently exposed  windward, canopy edge  area prone to windthrow

Prevailing wind direction: SW Occurrence of snow/ice storms  never  seldom  regularly

## TARGET

Use Under Tree:  building  parking  traffic  pedestrian  recreation  landscape  hardscape  small features  utility lines

Can target be moved? NO TARGET Can use be restricted? YES

Occupancy:  occasional use  intermittent use  frequent use  constant use



# TREE DEFECTS

## ROOT DEFECTS:

Suspect root rot: NO Mushroom/conk/bracket present: NO ID:

Exposed roots:  severe  moderate  low Undermined:  severe  moderate  low

Root pruned: distance from trunk Root area affected: \_\_\_\_ Buttress wounded:  When: \_\_\_\_\_

Restricted root area:  severe  moderate  low Potential for root failure:  severe  moderate  low

LEAN: 2 deg. from vertical  natural  unnatural  self-corrected  Soil heaving:

Decay in plane of lean:  Roots broken:  Soil cracking:

Compounding factors: Lean severity:  severe  moderate  low

Concern Areas: Indicate presence of individual structural issues and rate their severity (S = severe, M = moderate, L = low)

DEFECT	ROOT CROWN	TRUNK	SCAFFOLDS	BRANCHES
Poor taper				
Bow, sweep				
Codominants/forks				
Multiple attachments				
Included bark				
Excessive end weight				
Cracks/splits				
Hangers				
Girdling				
Wounds/seam				
Decay				
Cavity				
Conks/mushrooms/bracket				
Bleeding/sap flow				
Loose/cracked bark				
Nesting hole/bee hive				
Deadwood/stubs				L
Borers/termites/ants				
Cankers/galls/burls				
Previous failure				

## RISK RATING

Tree part most likely to fail in the next six months: Branches

Failure potential: 1 - low; 2 - medium; 3 - high; 4 - severe

Size of part: 0-0"-3" 1-3"-6" 2-6"-18" 3-18"-30" 4->30"

Target rating: 0 - no target 1 - occasional use 2 - intermittent use 3 - frequent use 4 - constant use

### Maintenance Recommendations

none  remove defective part  reduce end weight  crown clean

thin  raise canopy  crown reduce  restructure  cable/brace

Inspect further  root crown  decay  aerial  monitor

Remove tree  If replaced, a similar sized tree species would be appropriate in same general location

If replaced, alternate tree replacement locations are available

Effect on adjacent trees:  none  evaluate

Notification:  owner  manager  governing agency

Date: 02/14/23

## COMMENTS

This tree has no defects or concerns indicating risk above the normal for this tree species.

Bill Leake