

# City of Raleigh



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## COA-0031-2020

### 410 CUTLER ST

### BOYLAN HEIGHTS (R-10)

0 35 70 140  
Feet



#### Nature of Project:

Remove metal fire stair; Master  
landscape plan: including new  
planting beds, remove chain-link  
fence, install fence, remove rear  
stairs, remove patio, install deck,  
alter parking area, plant trees,  
construct shed

APPLICANT:  
BRIAN LUCY  
410 CUTLER ST



## APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS – STAFF REPORT

COA-0031-2020 410 CUTLER STREET

Applicant: BRIAN LUCY

Received: 02/13/2020

Meeting Date(s):

Submission date + 90 days: 05/13/2020

1) 3/26/2020 2) 3)

### INTRODUCTION TO THE APPLICATION

Historic District: BOYLAN HEIGHTS HISTORIC DISTRICT

Zoning: General HOD

Nature of Project: Remove metal fire stair; Remove door; Master landscape plan: including new planting beds, remove chain-link fence, install fence, remove rear stairs, remove patio, install deck, alter parking area, plant trees, construct shed

Staff Notes:

- COAs mentioned are available for review.

### APPLICABLE SECTIONS OF GUIDELINES and DESCRIPTION OF PROJECT

<i>Sections</i>	<i>Topic</i>	<i>Description of Work</i>
1.3	Site Features and Plantings	Remove metal fire stair; Master landscape plan: including new planting beds, remove chain-link fence, install fence, remove rear stairs, remove patio, install deck, alter parking area, plant trees, construct shed
1.4	Fences and Walls	Remove chain-link fence, install fence
1.5	Walkways, Driveways, & Off-Street Parking	Alter parking area
1.6	Garages & Accessory Structures	Construct shed
2.7	Windows and Doors	Remove door
3.1	Decks	Install deck

### STAFF REPORT

Based on the information contained in the application and staff's evaluation:

- A. Implementing a master landscape plan: including new planting beds, removing patio, altering parking area, planting trees, and constructing a shed are not incongruous in concept according to *Guidelines* sections 1.3.1, 1.3.2, 1.3.9, 1.3.11, 1.4.11, 1.5.5, 1.5.6, 1.5.7; however, the use of a wood site wall in the front yard is incongruous according to *Guidelines* sections 1.3.9 and the following suggested facts:

- 1\* The Boylan Heights National Register designation report describes the house as a 1913 Queen Anne Colonial having a hip roof with intersecting gables. It has a projecting bay that is perhaps a later addition. There is an attached one-story porch, full façade that wraps around the corner.
- 2\* The proposed landscape plan includes changes to the front and rear yards:
  - a. Front yard - includes the addition of new planting beds and a 12" tall oak site wall on either side of the existing front walk.
  - b. Rear and side yards – includes the removal of fence, patio, existing edging, gravel parking space, and plantings; the addition of new planting beds, four trees, oak edging, fence, shed, and planters; and hardscaping changes.
- 3\* The hardscaping changes proposed for the rear and side yards include new areas of mulch, gravel, and lawn. Mulch is proposed for the north and south side yards with landscaped beds; Chapel Hill grit gravel is proposed in the area surrounding the rear deck and entry; and a rectangular lawn is proposed in the north west quadrant of the rear yard. Gravel color was not specified.
- 4\* The committee has previously found that brown gravel is incongruous with the character of Boylan Heights
- 5\* The new planting beds will be composed of trees, shrubs, perennials, and annuals. Photographs and mature dimensions of each proposed plant were provided.
- 6\* The application notes that plantings in the front yard will be limited to a mature height of 42".
- 7\* The lawn and paths are proposed to be edged in oak beams and strip rubble, as noted on the plan. Detailed drawings were provided.
- 8\* Several raised oak planters are proposed in the side yard and adjacent to the rear entry. A photograph of the proposed design was provided. Drawings were provided of the planters adjacent to the rear entry.
- 9\* A wood site wall is proposed in the front yard. Evidence to support the use of wood was not provided. In Boylan Heights site walls were traditionally stone or concrete or concrete block.
- 10\* No information was included about exterior lighting, if any.

11\* A plan locating and identifying trees was provided. A tree protection plan was not provided.

B. Removing of a chain-link fence and installing a fence are not incongruous in concept according to *Guidelines* 1.3.9, 1.4.7, 1.4.8, 1.4.10; however, the installation of a fence with horizontal pickets **is** incongruous according to *Guidelines* 1.4.8 and the following suggested facts:

1\* The applicant provided a tree survey identifying the species of trees located on the property.

2\* *Location:* The applicant proposes replacing existing chain-link fencing on the north property line. Additional fencing is proposed along the southern half of the west property line and stepped into the rear yard around the parking area.

3\* *Material:* Wood is a traditional fencing material. The proposed fence will have a natural finish.

4\* *Height:* The proposed new fence height is 6’.

5\* *Configuration:* The committee has regularly found that 6’-tall wood privacy fences are congruous with the character of the historic districts when installed in rear and side yards (except for corner lots). The proposed fence and gate locations are characteristic of the district.

6\* *Design:* The existing fencing is chain-link. The proposed replacement fence design is a horizontal board design. Traditionally, fences were constructed with neighbor friendly design, with structural members facing inward; the proposed fence design will be built with the pickets on the outside. Fences in Raleigh neighborhoods traditionally had vertical pickets. To date the committee has not found horizontal pickets to be congruous with the character of any of the historic districts.

7\* Evidence was not provided to support the use of horizontal fencing.

C. Removing a metal fire stair, door, and rear entry stairs and installing a deck are not incongruous according to *Guidelines* 1.3.1, 2.7.2, 2.7.11, 2.11.1, 3.1.1, 3.1.2, 3.1.4, 3.1.5, 3.1.7, 1.6.6, 1.6.7, 1.6.11; however, the location of the shed and its attachment to the deck is incongruous according to *Guidelines* sections 1.6.6; and the following suggested facts:

1\* A metal fire stair is located on the north façade of the structure.



- 2\* The application estimates that the fire stair was added in the 1960s. It is not historic.
- 3\* The existing exterior door at the top of the fire stair will be removed and the location infilled with siding. The application notes that the siding will be woven into the existing to reduce the appearance of vertical seams.
- 4\* A small two-level rear deck landing with stairs is proposed to replace the existing rear stairs. A west elevation and perspective drawing were provided, dimensioned drawings were not.
- 5\* The proposed deck railing is steel mesh and wood. The drawings indicate that the railing will be attached on the exterior of the deck platform. This construction method is a modern construction technique, atypical of the historic district.
- 6\* Horizontal boards are proposed to screen the deck structure.
- 7\* A 65 SF storage shed is proposed about 3' off the northwest corner of the house immediately adjacent the new deck. This is an atypical location for a shed. Sheds and accessory structures were historically located farther away from the house and closer to property lines.

Staff suggests that the application be approved with the following conditions:

- 1. That the shrubs along the sidewalk be kept pruned to a maximum height of 42 inches.
- 2. That the fence not have horizontal pickets.
- 3. That the deck railing not be attached to the exterior of the deck platform or that the attachment be concealed by a band board.
- 4. That the front yard site walls be brick or concrete.
- 5. That any new post holes be dug manually and tree roots larger than 1" caliper that are encountered while digging the fence post holes shall receive a clean final cut using tools designed for the purpose, such as loppers.
- 6. That details and specifications for the following be provided to and approved by staff prior to receiving the blue placard:
  - a. Final deck details and drawings;
  - b. Revised fence design;
  - c. Site wall design;

7. That details and specifications for the following be provided to and approved by staff prior to installation or construction:
  - a. Fence gate design;
  - b. Gravel color;
  - c. Paint color, if any change;
  - d. Exterior lighting, if any.

Staff Contact: Collette Kinane, [collette.kinane@raleighnc.gov](mailto:collette.kinane@raleighnc.gov)

# Certificate of Appropriateness | Application

Development Services Customer Service Center • One Exchange Plaza, Suite 400 | Raleigh, NC 27601 | 919-996-2495

This form can be submitted in person or via USPS at the above address.

Type or print the following:		
Applicant name:		
Mailing address:		
City:	State:	Zip code:
Date:		Daytime phone #:
Email address:		
Applicant signature:		
<div>Minor work (staff review) – one copy</div> <div>Major work (COA committee review) – ten copies</div> <div>    Additions &gt; 25% of building sq. footage</div> <div>    New buildings</div> <div>    Demolition of building or structure</div> <div>    All other</div> <div>Post approval re-review of conditions of approval</div>		<div><b>Office Use Only</b></div> <div>Transaction #: _____</div> <div>File #: _____</div> <div>Fee: _____</div> <div>Amount paid: _____</div> <div>Received date: _____</div> <div>Received by: _____</div>
Property street address:		
Historic district:		
Historic property/Landmark name (if applicable):		
Owner name:		
Owner mailing address:		

**For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.**

Property Owner Name & Address	Property Owner Name & Address

**I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.**

Will you be applying for rehabilitation tax credits for this project?    Yes    No Did you consult with staff prior to filing the application? Yes    No	<b>Office Use Only</b> Type of work: _____ _____
--	--

Design Guidelines: please cite the applicable sections of the design guidelines ( <a href="http://www.rhdc.org">www.rhdc.org</a> ).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).

<p align="center"><b>Minor Work Approval (office use only)</b></p> <p>Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until _____.</p> <p>Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.</p> <p>Signature (City of Raleigh) _____ Date _____</p>
---

To be completed by applicant			Office Use Only		
	Yes	N/A	Yes	No	N/A
Attach 8-1/2"x11" or 11"x17" sheets with written descriptions and drawings, photographs, and other graphic information necessary to completely describe the project. Use the checklist below to be sure your application is complete. <a href="#">Minor Work</a> (staff review) – 1 copy <a href="#">Major Work</a> (COA Committee review) – 1 copy (10 copies will be required after initial staff review).					
1. <b>Written description.</b> Describe clearly and in detail the nature of your project. Include exact dimensions for materials to be used (e.g. width of siding, window trim, tree species, etc.)					
2. <b>Description of materials</b> (Provide samples, if appropriate)					
3. <b>Color Photographs</b> of existing conditions are required. Minimum image size 4" x 6" as printed. Maximum 2 images per page. Photos should be of each side of the house, fully show the yards, and include streetscapes.					
4. <a href="#">Paint Schedule</a> (if applicable)					
5. <b>Site Drawings.</b> Required for projects that include any addition, demolition, fences, walls, or other landscape work. <ul style="list-style-type: none"> <li><a href="#">Plot plan</a>   showing relationship of buildings, additions, sidewalks, drives, trees, property lines, etc.</li> <li>Tree survey   include size, species, and critical root zone for each tree over 8" diameter when measured 4' above ground level</li> <li>Tree protection plan   include material staging area, construction access, limits of disturbance, location of tree protection fencing</li> <li>Grading plan</li> <li>Dimensions shown on drawings and/or graphic scale (required)</li> <li>11"x17" or 8-1/2"x11" reductions of full-size drawings</li> </ul>					
6. <b>Architectural Drawings</b> showing existing and proposed work (if applicable) <ul style="list-style-type: none"> <li>Plan drawings</li> <li>Elevation drawings showing the façade(s). For additions, deck, and porches, include the grade.</li> <li>Dimensions shown on drawings and/or graphic scale (required)</li> <li>11" x 17" or 8-1/2" x 11" reductions of full-size drawings. If reduced size is so small as to be illegible, make 11" x 17" or 8-1/2" x 11" snap shots of individual drawings from the big sheet.</li> </ul>					
7. Stamped envelopes addressed to all property owners within 100 feet of property, on all sides of the property, as well as the property owner (required for Major Work). Use the <a href="#">Label Creator</a> to determine the addresses.					
8. <b>Fee</b> ( <a href="#">See Development Fee Schedule</a> )					

# Written Description of Work

## Removal of existing structures/hardscaping

1. Removal of 4' chain-link fence on north side of the property.
2. Removal of existing metal fire escape. Structure most likely dates to the home's history as a boarding house and subdivided apartments from the 1960s – 2010s. Cover existing door structure on second floor with siding.
3. Removal of existing backyard paver patio and pressure-treated pine edging
4. Removal of railroad tie edging
5. Removal of existing pressure-treated pine staircase in rear of home
6. Remove portion of existing parking space in rear of home paved with gravel

## Removal of existing plantings

1. Removal of invasive plants on north perimeter of the property
2. Remove existing "grass" and reseed with Fescue species
3. Removal of existing brush pile/overgrowth on north rear side of property
4. Removal of existing shrubs and plantings at front of home

## Addition of new plantings/trees

1. New plantings and design for front yard (see preliminary plant schedule for options).
2. Plant four new trees in back yard (see preliminary plant schedule for options)

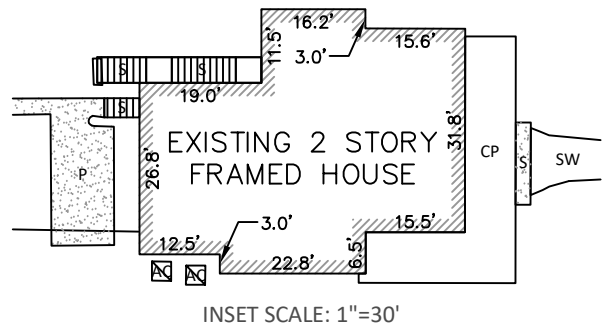
## Addition of hardscaping/structures

1. Convert portion of backyard lawn/existing paver patio to pea-gravel
2. Addition of 4x4 oak edging
3. Addition of 6' fence with horizontal 1x6 oak slats with three gates
4. Addition of deck with landing, stairs, and built in planters in rear of home replacing existing pine staircases. Decking material to TBD – PT Pine, composite, or other wood material.
5. Addition of playground mulch in portions of backyard and north side of property replacing existing lawn.
6. Addition of 65 sq ft storage shed in rear of property
7. Addition of raised oak planters
8. Addition of dry stream and small rock bridges in rear of property

**410 CUTLER ST. COA SUBMISSION**  
**2020-02-27**

**TABLE OF CONTENTS**

Existing conditions: survey	2
Existing conditions drawing & photo key	3
Existing conditions photos	4
Proposed changes	8
Deck and Shed Elevations	11



LOT INFORMATION:

PIN: 1703370277

TOTAL IMPERVIOUS AREA = 2,651 SF

HOUSE = 1,694 SF  
PORCHS = 428 SF  
DRIVEWAY = 0 SF  
SIDEWALK = 121 SF  
PATIOS = 390 SF  
AC UNITS = 18 SF

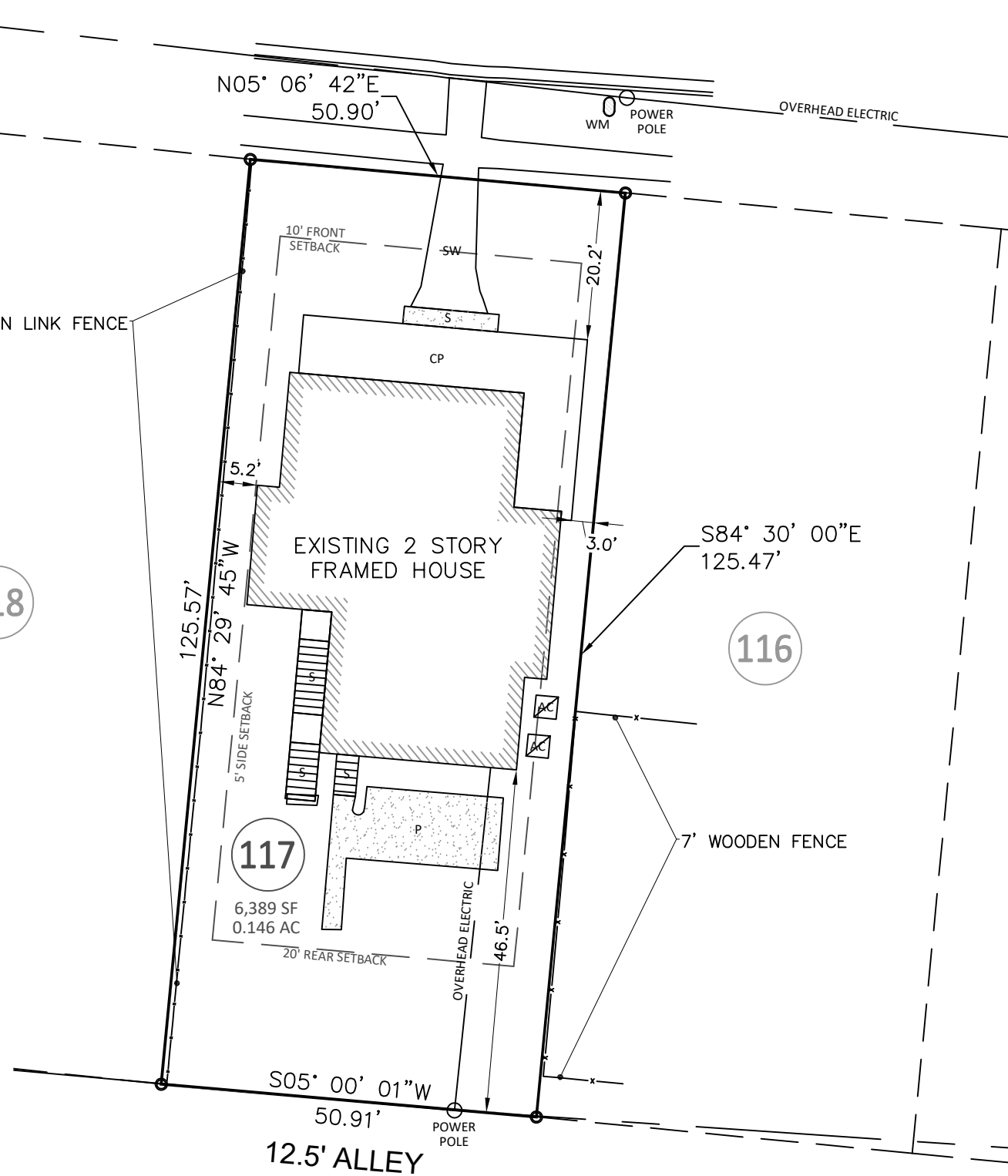
TOTAL LOT AREA = 0.146 AC = 6,389 SF  
PERCENT IMPERVIOUS = 41.5 %

NOTES:

1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
2. PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND/OR PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT
3. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
4. THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
5. THE BASIS OF NORTH AND ALL EASEMENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED, SEE NOTE 10.
6. NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS FIRM.
7. SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
8. THIS PROPERTY GRAPHICALLY APPEARS NOT TO BE LOCATED IN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "X" AS DEFINED BY HUD F.I.R.M. MAP 3720170300J DATED MAY 2,2006.
9. ZONING IS: R10
10. REFERENCES: BM 1885 PG 114 AND DEEDS - DB 17224 PG 1837, DB 14303 PG 486.

4' CHAIN LINK FENCE

118



0 10 20  
SCALE: 1" = 20 ft.



Bateman Civil Survey Company

Engineers • Surveyors • Planners

2524 Reliance Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1081  
www.batemancivilsurvey.com info@batemancivilsurvey.com  
NCBELS Firm No. C-2378

McCULLOCH STREET

SITE \*

CUTLER STREET

S. BOYLAN AVENUE

VICINITY MAP (Not to Scale)

LEGEND

- BOUNDARY CORNER FOUND
- BOUNDARY CORNER SET
- COMPUTED POINT
- WATER METER
- MANHOLE
- ELECTRIC BOX
- CABLE BOX
- TELEPHONE PEDESTAL
- UTILITY POLE
- LIGHT POLE
- FIRE HYDRANT
- BURIED UTILITY MARKER
- CP COVERED PORCH
- PO PORCH
- SP SCREENED PORCH
- WD WOOD DECK
- SW SIDEWALK
- DW DRIVEWAY
- P CONCRETE PATIO
- CO CLEAN OUT
- AC AIR CONDITIONER
- S STEPS

I, STEVEN P. CARSON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY DIRECT SUPERVISION FROM A SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK REFERENCED IN TITLE BLOCK); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION LISTED UNDER REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA. L-4752  
DATED: 07/25/2019

STEVEN P. CARSON  
STATE SURVEYOR  
7/25/19

BUILDING SETBACKS:

FRONT = 10 ft  
REAR = 20 ft  
SIDE = 5 ft  
CORNER = 20 ft

THIS MAP IS OF AN EXISTING PARCEL OF LAND AND IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP NOT FOR RECORDATION. NO TITLE REPORT PROVIDED.

EXISTING SURVEY

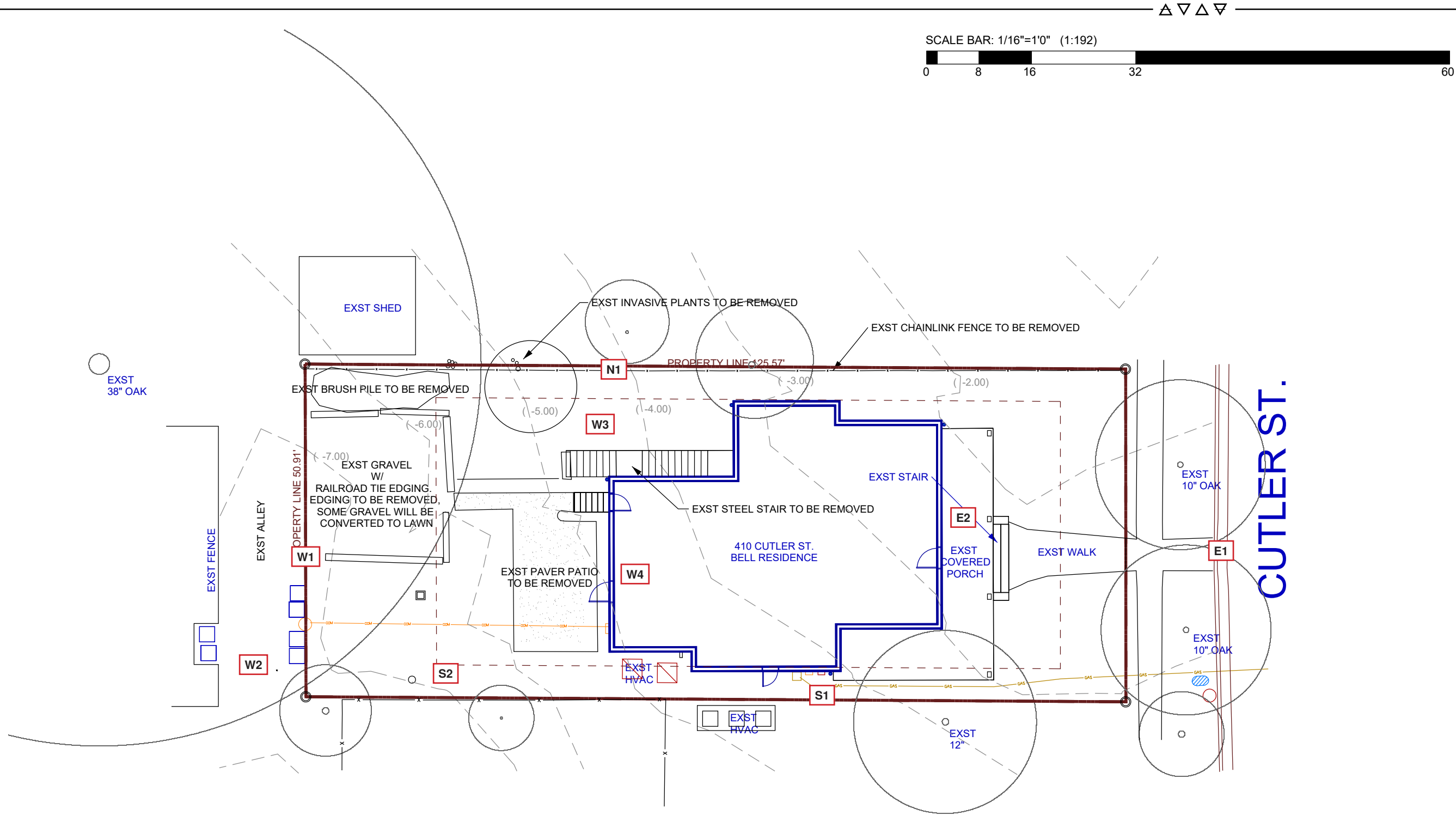
FOR  
BRIAN C. LUCY

BOYLAN HEIGHTS - LOT 117  
410 CUTLER STREET, RALEIGH, NC  
RALEIGH TWSP., WAKE COUNTY  
DATE: 07/23/19 DRAWN BY: PLB CHECKED BY: JWB

REFERENCE: BK 1885 PG 114 PROJECT # 190408 SCALE: 1" = 20'



G:\My Drive\Project Files\Bell, Sarah & Brian\2019\All Drawing Files\5 Design Development\Rhino\Bell - DD\3dm Output\2/1/2020 3:12



# 1 EXST CONDITIONS

1/16" = 1'0"





E1



E2





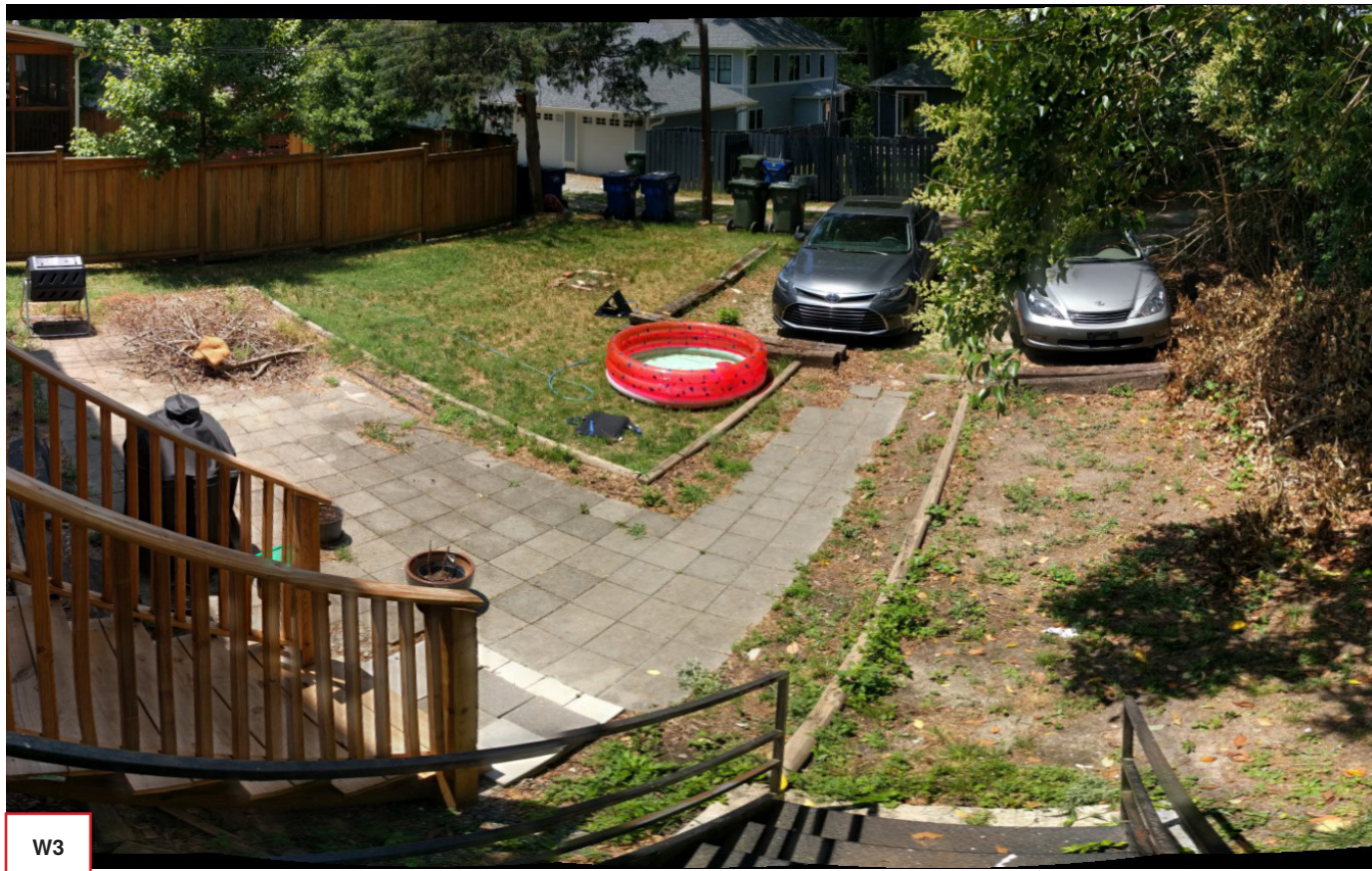




W1



W2



W3

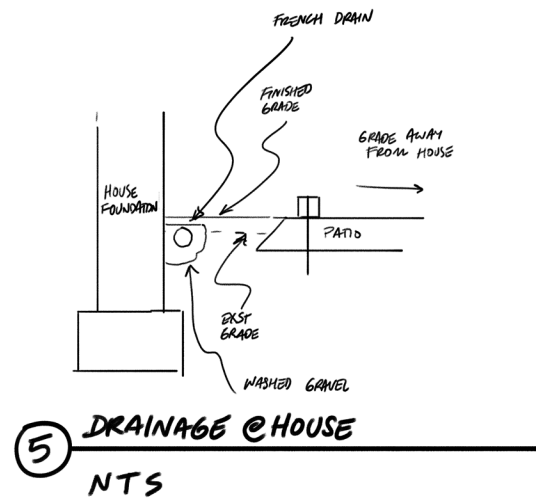
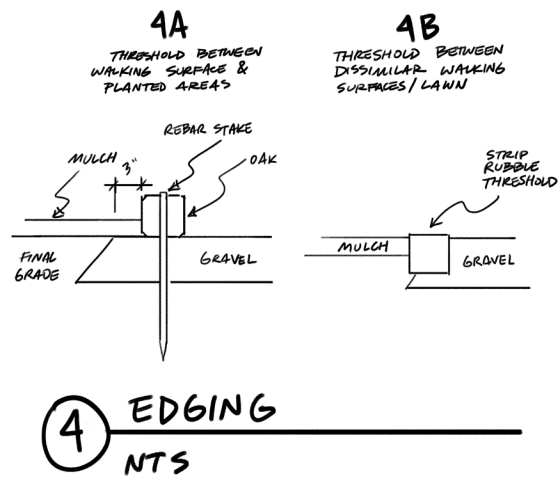
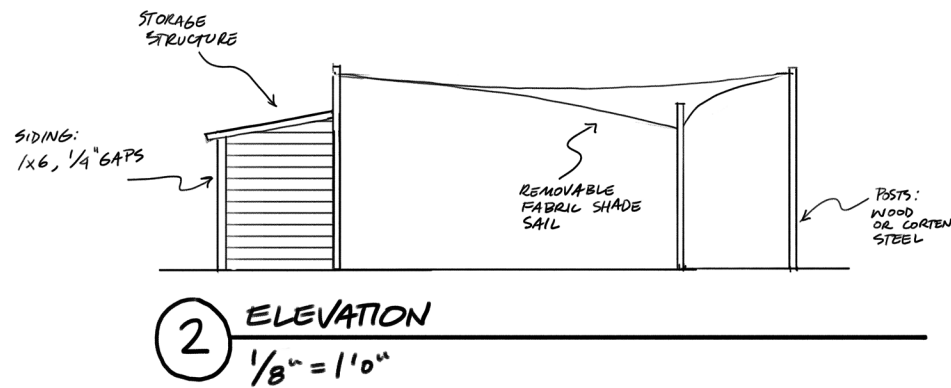
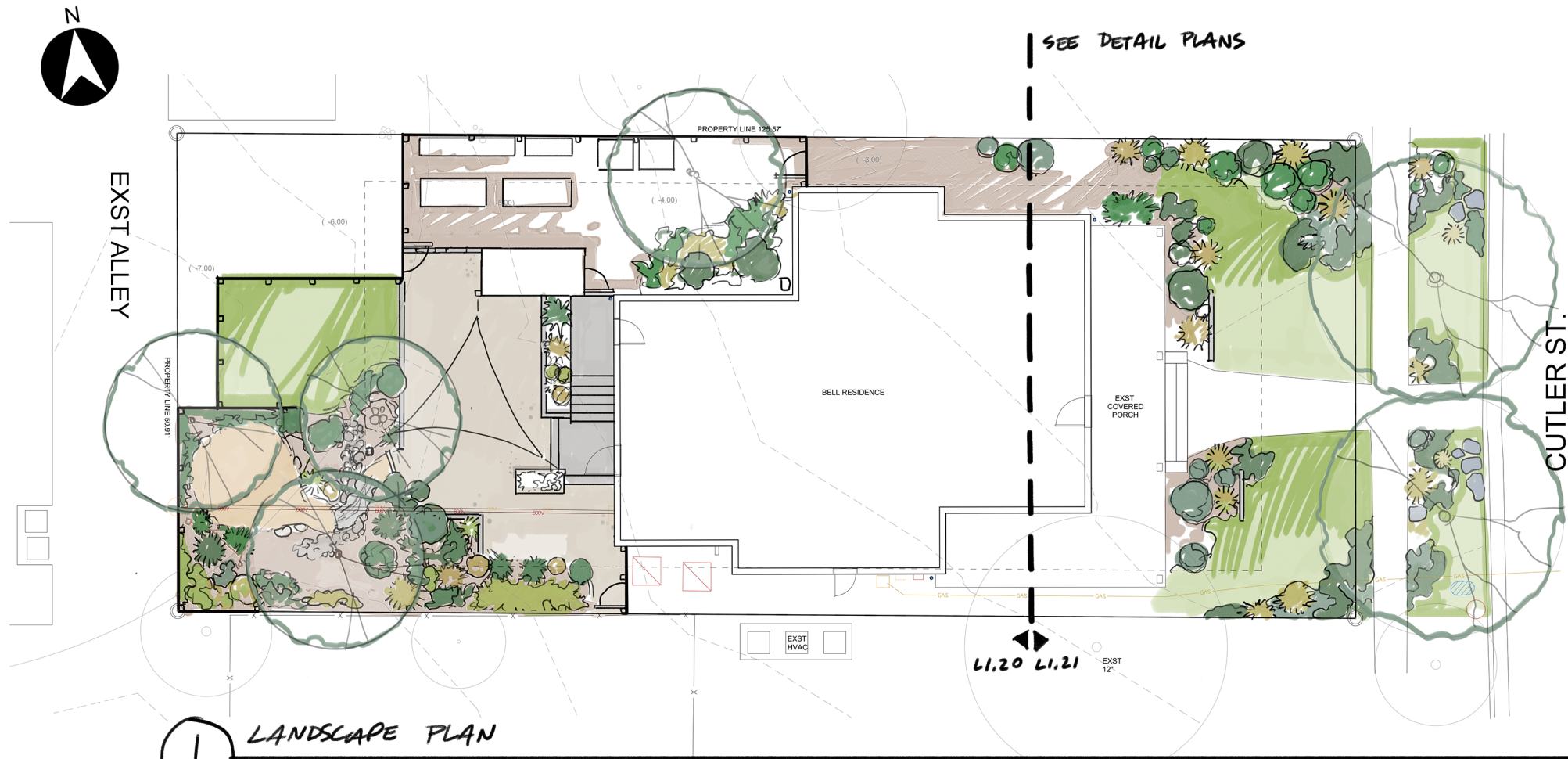


W4









\* DETAIL 3 HAS BEEN REMOVED

Drawn by:  
Steven Valenziano  
Reviewed by:  
Wes Aycock  
Date:  
February 11, 2020

Sheet Size: 11x17

LANDSCAPE  
PLAN &  
DETAILS

**Bell Residence**  
Sarah Bell  
410 Cutler St  
Raleigh NC 27603

**AEDAN**  
WORKSHOP

4137 South Alston Avenue  
Durham, North Carolina 27713  
919.819.2989 | 919.523.1842  
www.AEDAN.com





L1.20





TN BLUE-GRAY IRREGULAR  
FLAGSTONE TO BE PLACED  
WHERE PLANTS CANNOT BE  
ESTABLISHED DUE TO SHADE,  
PARALLEL PARKING FOOT  
TRAFFIC



### NOTES

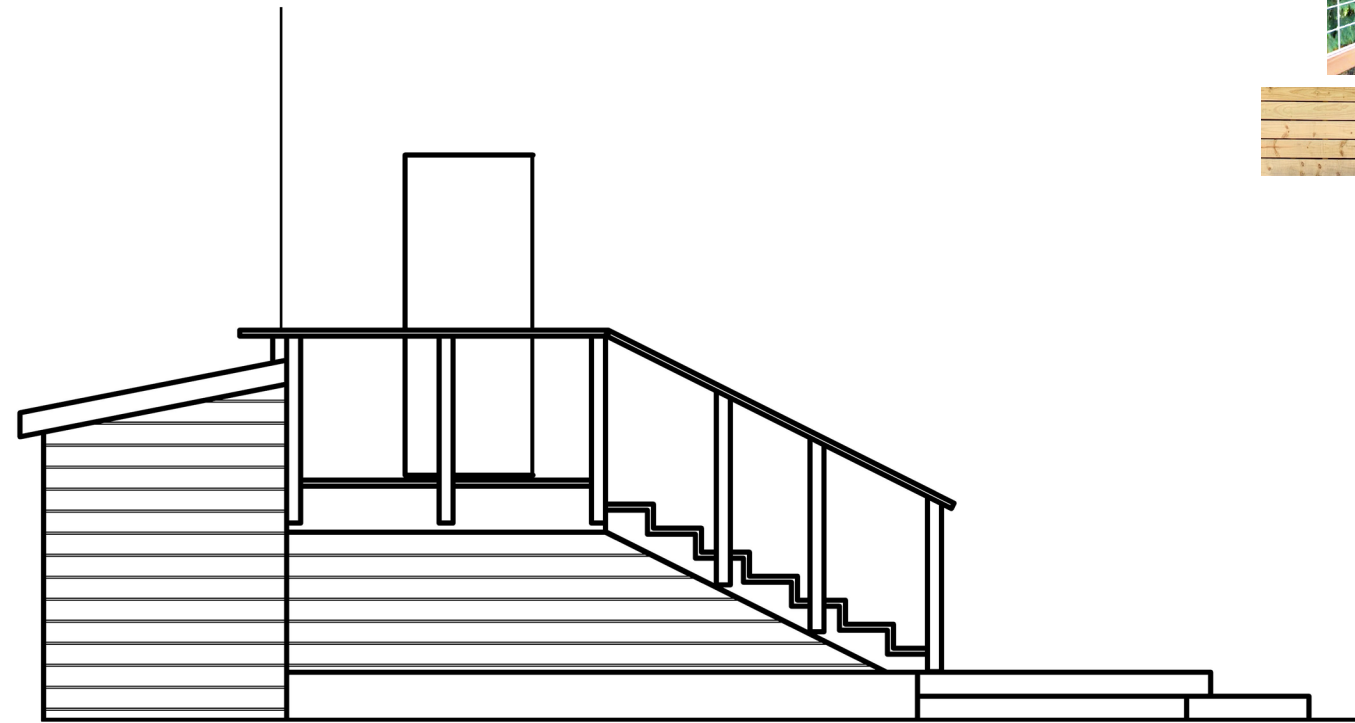
- ALL TREES WITHIN PROPERTY LINES ARE NEW, UNLESS OTHERWISE NOTED.
- CONSTRUCTION TO OCCUR IN PHASES. NOT ALL ITEMS WILL BE BUILT IN PHASE I
- PLANTING IN FRONT YARD TO BE LIMITED TO MATURE HEIGHT OF 42" PER RDHC GUIDELINES 1.4.11.

## 1 DETAIL PLAN

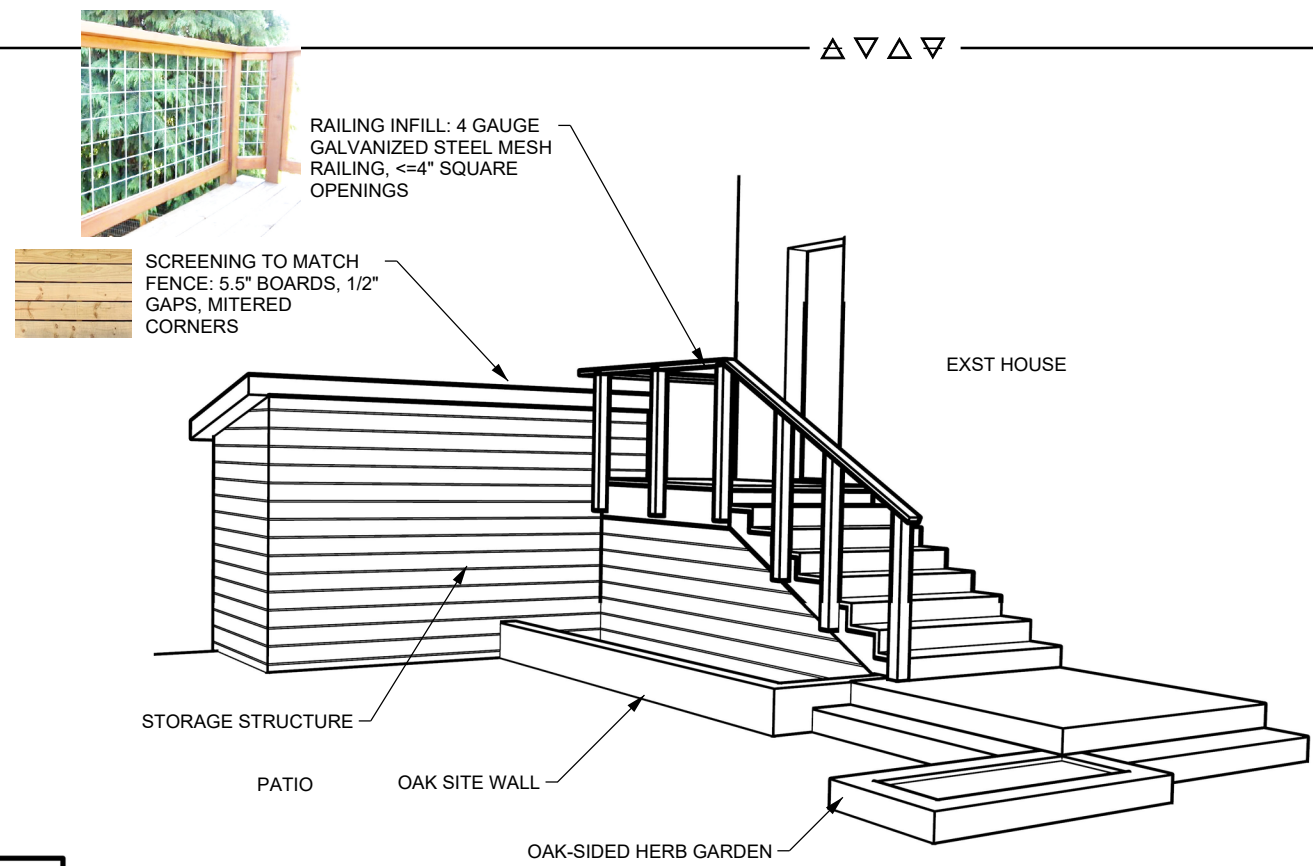
1/8" = 1'0"



G:\My Drive\Project Files\Bell, Sarah & Brian\2019\All Drawing Files\Bell - DD 3dm Output\2/27/2020 10:08



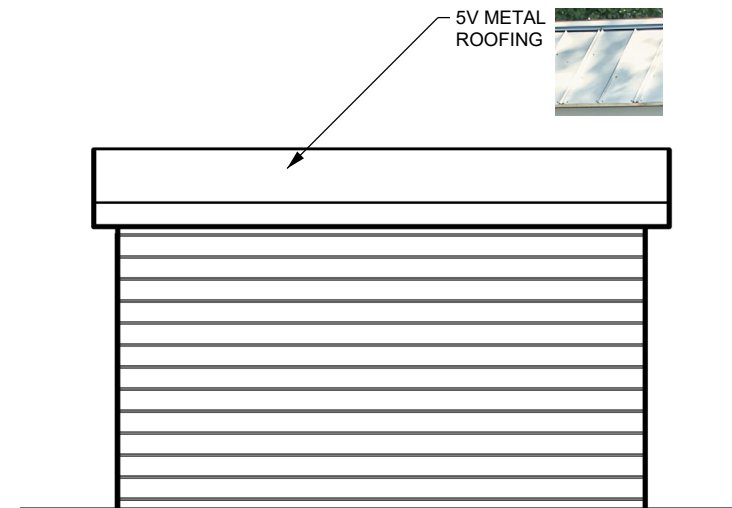
1 WEST ELEVATION: STORAGE AND DECK  
1/4" = 1'0"



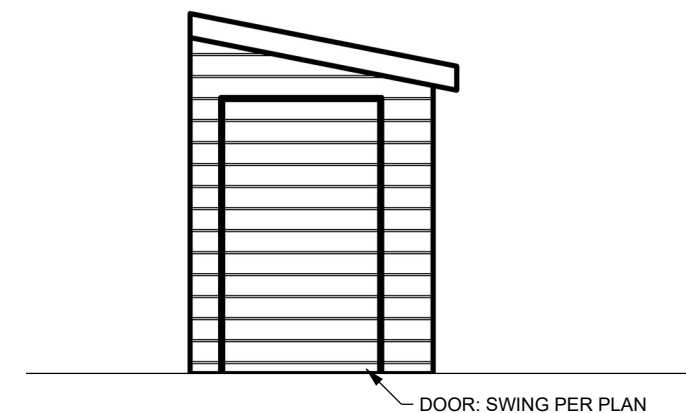
2 PERSPECTIVE: STORAGE AND DECK  
NTS



3 SOUTH ELEVATION: STORAGE AND DECK  
1/4" = 1'0"

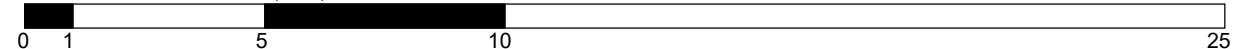


4 NORTH ELEVATION: STORAGE  
1/4" = 1'0"



4 EAST ELEVATION: STORAGE  
1/4" = 1'0"

SCALE BAR: 1/4"=1'0" (1:48)



4137 South Alison Avenue  
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AEDAN  
WORKSHOP

Bell Residence  
Sarah Bell  
410 Cutler St  
Raleigh NC 27603

Drawn by:  
Steven Valenziano  
Reviewed by:  
Wes Aycock  
Date:  
February 27, 2020

Sheet Size: 11x17

DECK, STAIR  
AND STORAGE

L1.30

# Evergreen Trees

## Magnolia virginiana, Sweetbay magnolia



Culture: sun to part shade, moist to wet, organically rich, well-drained loam  
Form: 15 to 25ft. tall and 10ft. to 20ft. wide, single or multi trunk, moderate growth, rounded to semi-upright form  
Special Features: North Carolina native, low maintenance, deer resistant, generally pest and disease resistant, tolerates clay and wet soil  
Landscape Value: fragrant creamy white flowers in late spring; cone like seedpods with red seeds in fall; aromatic medium textured dark green foliage, evergreen to semi-evergreen  
Wildlife Value: seeds provide food for wildlife; foliage used for nesting materials; nectar provides food for pollinators

## Osmanthus americanus, Wild olive



Culture: sun to shade, adaptable to most soils but occurs naturally in moist well drained sandy loam, can tolerate flooding and standing water  
Form: 10 to 20ft. tall by 8 to 15ft. wide, occasionally may reach up to 50ft. tall  
Special Features: North Carolina native, low maintenance, tolerates drought once established  
Notes: May be liberally pruned for desired shape  
Human Uses: edible fruit  
Landscape Value: coarse textured evergreen foliage suitable as specimen or in mass as a screen, powerful yet pleasant fragrant white blossoms in early spring  
Wildlife Value: fruit provides food for various songbirds, larval host for various butterflies

## Magnolia grandiflora ‘Little Gem’, Little gem southern magnolia



Culture: sun to part shade, moist, organically rich, well-drained loam  
Form: 15 to 20ft. tall and 8ft. to 10ft. wide, pyramidal crown with low initial branching, slow growing  
Special Features: North Carolina native, low maintenance, deer resistant, generally pest and disease resistant  
Landscape Value: fragrant white flowers in spring; cone like seedpods with red seeds in fall; coarse textured glossy evergreen foliage  
Wildlife Value: seeds provide food for wildlife; nectar provides food for butterflies

## Prunus Caroliniana, Cherry laurel



Culture: sun to part shade; moist, well drained soil  
Form: 15 to 20ft. tall by 10 to 15ft. wide, tree or large shrub forming dense hedge or thicket with foliage nearly to the ground, may spread and colonize  
Special Features: North Carolina native, low maintenance, deer resistant, drought tolerant once established, no serious pests or diseases  
Caution: seeds, twigs, and leaves of all cherry species contain toxins and should never be eaten  
Landscape Value: small white flowers in early spring; attractive glossy evergreen foliage; excellent privacy and noise screen, hedge, or windbreak  
Wildlife Value: berries attract birds, nectar provides food for pollinators

## Osmanthus fragrans, Tea olive



Culture: sun to part shade, adaptable to most soils but prefers fertile, acidic, moist, and well drained sandy loam, can tolerate flooding and standing water  
Form: 10 to 20ft. tall by 8 to 15ft. wide multi-stemmed dense upright shrub  
Special Features: low maintenance, tolerates drought once established  
Notes: May be liberally pruned for desired shape  
Landscape Value: medium textured evergreen foliage suitable as specimen or in mass as a screen, powerful yet pleasant fragrant white blossoms in the fall  
Wildlife Value: fruit provides food for various songbirds, larval host for various butterflies

## Ilex vomitoria, Yaupon



Culture: sun to shade, fruit production better with half day sun; moist to well drained; sandy, loamy, clayey, limestone, or gravelly soil  
Form: 12 to 20ft. tall and wide; typically multi-trunk  
Special Features: North Carolina native, low maintenance, tolerates drought once established, deer resistant, tolerates salt spray  
Notes: dioecious, requires a male plant in proximity to set berries  
Human Uses: berry laden branches used in floral arrangements and wreaths  
Landscape Value: evergreen foliage, small white flowers in early summer, red berries in fall persist through winter  
Wildlife Value: berries provide fall and winter food for birds



4137 South Alston Avenue  
Durham, North Carolina 27713  
919.819.2989 | 919.523.1842  
www.AEDAN.com



Bell, Lucy Residence  
Sarah Bell and Brian Lucy  
410 Cutler St,  
Raleigh NC 27603

Drawn by:  
Wes Aycock  
Reviewed by:  
James Clark  
Date:  
Feb 4, 2020

Plant  
Schedule

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## Evergreen Trees contd.

### *Ilex opaca*, American holly



- Culture: sun to shade, prefers some afternoon shade, fruit production better with half day sun; moist to dry, well drained acidic sandy, loamy, or gravelly soil, tolerates clay
- Form: 20 to 35ft. tall; slow growing with pyramidal form maturing to a more irregular form with age
- Special Features: North Carolina native, low maintenance, tolerates heat, drought, and salt spray once established, deer resistant
- Notes: requires a male plant in proximity to set berries; chlorosis may occur in soils with high pH; will not tolerate flooding
- Human Uses: berry laden branches used in floral arrangements and wreaths, white wood used in woodworking for furniture and other products
- Landscape Value: evergreen foliage, good privacy screen, small white flowers in early summer, red berries in fall persist through winter
- Wildlife Value: berries provide fall and winter food for birds; larval host for the Henry Elfin’s butterfly, nectar provides food for pollinators

### *Ilex vomitoria* ‘Pendula’, Yaupon



- Culture: sun to shade, fruit production better with half day sun; moist to well drained; sandy, loamy, clayey, limestone, or gravelly soil
- Form: 15 to 30ft. tall; irregular weeping form and an open crown
- Special Features: North Carolina native, low maintenance, tolerates drought once established, deer resistant, tolerates salt spray
- Notes: dioecious, requires a male plant in proximity to set berries
- Human Uses: berry laden branches used in floral arrangements and wreaths
- Landscape Value: evergreen foliage, small white flowers in early summer, red berries in fall persist through winter
- Wildlife Value: berries provide fall and winter food for birds

## Deciduous Trees

### *Magnolia x ‘Ann’*, Ann magnolia



- Culture: sun part shade, moist well drained soil
- Form: 10 to 15ft. tall and 12ft. wide
- Special Features: low maintenance, deer resistant, salt tolerant
- Landscape Value: fragrant purplish pink flowers in early spring

### *Amelanchier arborea*, Common serviceberry



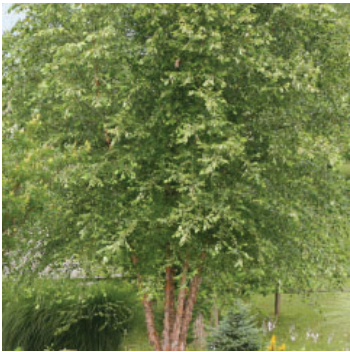
- Culture: sun to shade; moist, well drained, acidic soil
- Form: tall shrub or small tree from 15 to 25ft. tall
- Special Features: North Carolina native, low maintenance, drought tolerant once established
- Pests: susceptible to damage by insects and diseases (usually only cosmetic damage) including cedar apple rust
- Human Uses: fruit eaten raw, preserved, or cooked in various recipes including pies, jams, and jellies
- Landscape Value: drooping racemes of white flowers before foliage in early spring
- Wildlife Value: attracts birds

### *Cercis canadensis* ‘Forest Pansy’, Forest Pansy Eastern redbud



- Culture: sun to part shade, moist soil, drought tolerant once established
- Form: 15 to 30ft. tall and wide
- Special Features: North Carolina native, low maintenance, deer resistant
- Human Uses: - floral arrangements  
- twigs produce a yellow dye when boiled in water  
- flowers edible and good in salads, breads, pancakes, or as a garnish
- Landscape Value: attractive heart shaped purple foliage; pink flowers covering the branches are a welcome sign of spring
- Wildlife Value: attracts birds

### *Betula nigra*, River birch



- Culture: sun to part shade, moist well drained soil, will tolerate damp soil
- Form: 40 to 70 ft. tall by 40 to 50ft. wide; open, light canopy; moderate to fast growing
- Special Features: North Carolina native, low maintenance, drought tolerant once established, deer resistant
- Landscape Value: graceful branching with attractive peeling bark
- Wildlife Value: seeds provide food for birds and small mammals



# Screening Shrubs

## *Prunus Caroliniana* ‘Compacta’, Compact Cherry Laurel



Culture: sun to part shade; moist, well drained soil  
Form: 8 to 10ft. tall by 6 to 8ft. wide, conical shrub forming dense hedge or thicket with foliage nearly to the ground  
Special Features: North Carolina native, low maintenance, deer resistant, drought tolerant once established, no serious pests or diseases  
Caution: seeds, twigs, and leaves of all cherry species contain toxins and should never be eaten  
Landscape Value: small white flowers in early spring; attractive glossy evergreen foliage; excellent privacy and noise screen, hedge, or windbreak  
Wildlife Value: berries attract birds, nectar provides food for pollinators

## *Podocarpus macrophyllus* ‘Maki’, Shrubby Yew Pine



Culture: sun to part shade; average, well drained soil, does not tolerate wet sites  
Form: 8 to 10ft. tall by 3 to 5ft. wide, columnar shrub forming dense hedge with foliage nearly to the ground  
Special Features: extremely deer resistant, drought tolerant once established, no serious pests or diseases  
Caution: fleshy seeds contain toxins and should never be eaten  
Landscape Value: attractive glossy evergreen foliage; excellent privacy and noise screen, hedge, or windbreak  
Wildlife Value: fruit attract birds

## *Rhododendron catawbiense*, Catawba rhododendron



Culture: shade, various well drained acidic soils  
Form: usually 5 to 6ft. tall and wide, occasionally up to 20ft.  
Special Features: North Carolina native, low maintenance, tolerates drought once established, deer resistant  
Landscape Value: clusters of rose or purple-lilac flowers in spring, evergreen  
Wildlife Value: nectar provides food for pollinators

## *Prunus laurocerasus* ‘Schipkaensis’, Schipka Cherry Laurel



Culture: part sun to mostly shade, various well drained moist soils,  
Form: multi-stemmed, 4 to 6ft. tall and 6 to 8 ft. wide, moderate growth rate  
Special Features: low maintenance, extremely deer resistant  
Notes: all parts of the plant, including berries, are toxic if eaten in quantity  
Landscape Value: attractive white flowers in spring, evergreen, gracefully irregular form

## *Rhododendron* subg. *Tsutsuji*, Evergreen Azalea



Culture: part shade to shade, various well drained acidic soils  
Form: cultivars available form 2 to 8ft. tall and wide  
Special Features: low maintenance, tolerates drought once established, deer resistant  
Landscape Value: evergreen; flowers in spring, available in shades of red, pink, white, orange, and yellow  
Wildlife Value: nectar provides food for pollinators

## *Illicium floridanum*, Florida anise



Culture: part shade to shade, prefers wet-moist soils but will tolerate average soil, will tolerate full sun if soil is kept consistently moist  
Form: 8-12ft. tall and wide, can be left full to the ground or pruned up as a small tree  
Special Features: North Carolina native, low maintenance, suitable for rain gardens, deer resistant, tolerates dense shade and wet soil  
Landscape Value: evergreen, will naturalize, dense growth year round offers excellent privacy, foliage is covered with small purple-maroon fragrant flowers in the spring  
Wildlife Value: provides year-round cover for birds and nectar for beneficial pollinator species





## Shrubs

### *Gardenia jasminoides*, Gardenia



Culture: sun to part shade; requires moist well drained, organically rich, acidic soils  
Form: 5 to 6ft. tall and wide  
Special Features: moderate deer resistance  
Note: do not fertilize in fall; use fertilizer for acid loving plants; does not transplant well; benefits from good air circulation and protection from winter winds  
Landscape Value: fragrant white flowers in spring and summer; evergreen  
Wildlife Value: nectar provides food for pollinators

### *Ilex vomitoria* ‘Nana’, Dwarf Yaupon



Culture: sun to shade, fruit production better with half day sun; moist to well drained; sandy, loamy, clayey, limestone, or gravelly soil  
Form: 5ft. tall and wide; slow growing  
Special Features: North Carolina native, low maintenance, tolerates drought once established, deer resistant, tolerates salt spray  
Notes: this male cultivar produces no berries  
Landscape Value: tidy evergreen foliage

### *Juniperus virginiana* ‘Grey Owl’, Grey Owl eastern red cedar



Culture: sun, low moisture needs, average to well drained soils, intolerant of wet soils  
Form: 2 to 3ft. tall by 4 to 6ft. wide shrub  
Special Features: North Carolina native, tolerates drought once established, deer resistant, tolerates extremes of heat and cold  
Human Uses: valuable rot resistant timber; aromatic and medicinal herb, uses range from perfumes to remedies for cold symptoms and coughs  
Landscape Value: blue-green evergreen foliage, well suited for hedges and screens  
Wildlife Value: larval host for Olive butterfly

### *Ficus carica* x ‘Brown Turkey’, Common



Culture: sun to part sun, well drained soil, drought tolerant once established  
Form: up to 20ft. tall and wide  
Special Features: low maintenance  
Caution: mild skin irritation may affect some people when exposed to leaves or milky sap (fruit still edible)  
Human Uses: edible fruits  
Landscape Value: bold texture and unique form

### *Ilex vomitoria* ‘Shillings’, Dwarf Yaupon



Culture: sun to shade, fruit production better with half day sun; moist to well drained; sandy, loamy, clayey, limestone, or gravelly soil  
Form: 3 to 4ft. tall and wide; slow growing  
Special Features: North Carolina native, low maintenance, tolerates drought once established, deer resistant, tolerates salt spray  
Notes: dioecious, requires a male plant in proximity to set berries  
Landscape Value: evergreen foliage, dwarf varieties occasionally have small white flowers in early summer and sparse red berries in fall  
Wildlife Value: berries provide fall and winter food for birds

### *Sarcococca hookeriana* var. humilis, Purple stem dwarf sweet box



Culture: part shade to shade  
Form: 18in. tall spreading slowly to 4ft. wide  
Special Features: moderate deer resistance, tolerates deep shade and poor soil  
Landscape Value: small but fragrant white flowers in late winter and early spring; evergreen  
Wildlife Value: nectar provides food for pollinators

### *Physocarpus opulifolius* ‘Seward’, Summer Wine Ninebark



Culture: sun to shade, moist to dry clayey or loamy soil  
Form: 4 to 6ft. tall and wide  
Special Features: North Carolina native, low maintenance, fast growing, drought tolerant once established  
Note: benefits from occasional renewal pruning after blooming and no later than mid-August  
Landscape Value: interesting bark, yellow fall foliage, white to pink blooms in early summer  
Wildlife Value: nectar provides food for pollinators



# Perennials

## Echinacea purpurea, Purple Coneflower



Culture: sun to part shade; dry, sandy, well drained soil  
Form: 2 to 5 ft. tall by 2 to 3ft. wide  
Special Features: North Carolina native, low maintenance, drought tolerant once established, deer resistant  
Human Uses: floral arrangements, herbal health supplement  
Landscape Value: long lasting purple flowers in summer through fall, attracts beneficial insects  
Wildlife Value: nectar provides food for butterflies, hummingbirds, and other pollinators

## Canna ‘Ermine’, Ermine Canna Lily



Culture: sun to part shade; organically rich, well drained soil  
Form: 36in tall, clump forming  
Special Features: semi-cold hardy tropical plant down to zone 7  
Landscape Value: purple gray foliage and bold upright habit, narrow pointed leaves, small orange flowers emerge in late summer  
Wildlife Value: provides nectar for hummingbirds  
Plant Care: water through dry periods during the growing season, deadhead flowers to promote continued flowering, stake plants as needed, cut back to the ground after first frost and provide a thick layer of mulch over the roots for winter protection, divide clumps in the spring every 2 to 3 years

## Helleborus x hybridus, Lenten rose



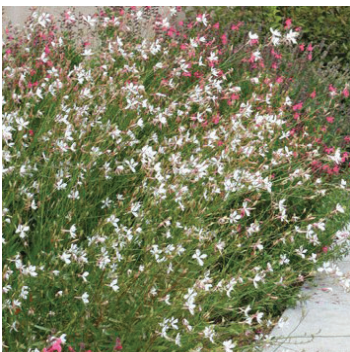
Culture: part shade to shade, well drained soil  
Form: 1 to 2ft. tall by 2-3ft. wide  
Special Features: low maintenance, winter interest, deer resistant  
Human Uses: floral arrangements  
Ornamental Value: evergreen, cupped small white, pink, to purple flowers hang downward in late winter through early spring,  
Wildlife Value: nectar provides food for various pollinators

## Echinacea purpurea ‘PowWow White’, White Coneflower



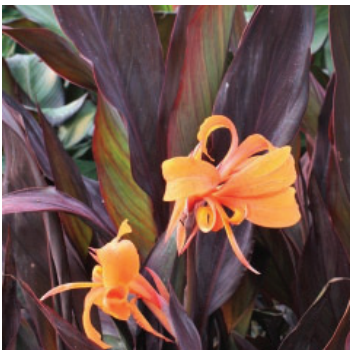
Culture: sun to part shade; dry, sandy, well drained soil  
Form: 2 to 5 ft. tall by 2 to 3ft. wide  
Special Features: North Carolina native, low maintenance, drought tolerant once established, deer resistant  
Human Uses: floral arrangements, herbal health supplement  
Landscape Value: long lasting purple flowers in summer through fall, attracts beneficial insects  
Wildlife Value: nectar provides food for butterflies, hummingbirds, and other pollinators

## Gaura lindheimeri, Whirling Butterflies



Culture: best in sun but will tolerate part shade, well drained dry soil  
Form: 2 to 3ft. tall and wide  
Special Features: low maintenance, deer resistant, drought tolerant once established  
Note: pruning in summer after flowering will encourage fall blooms  
Human Uses: floral arrangements  
Landscape Value: dancing pink or white flowers in summer and fall

## Canna ‘Intrigue’, Intrigue Canna Lily



Culture: sun to part shade; organically rich, well drained soil  
Form: 5 to 7 ft tall, upright form,  
Special Features: cold hardy tropical plant  
Landscape Value: purple gray foliage and bold upright habit, narrow pointed leaves, small orange flowers emerge in late summer  
Wildlife Value: provides nectar for hummingbirds  
Plant Care: water through dry periods during the growing season, deadhead flowers to promote continued flowering, stake plants as needed, cut back to the ground after first frost and provide a thick layer of mulch over the roots for winter protection, divide clumps in the spring every 2 to 3 years

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www.AEDAN.com

AEDAN  
WORKSHOP

Bell, Lucy Residence  
Sarah Bell and Brian Lucy  
410 Cutler St,  
Raleigh NC 27603

Drawn by:  
Wes Aycock  
Reviewed by:  
James Clark  
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## Perennials contd.

### *Agave americana*, Century Plant



Culture: sun; dry sandy, loamy, or clayey soil  
Form: 6 to 8ft. tall and wide  
Special Features: North American native, low maintenance, drought tolerant once established, heat tolerant  
Human Uses: floral arrangements  
Landscape Value: course texture and silvery blue, sword like foliage, excellent accent or specimen plant  
Plant Care: fertilize (optional) in the spring with a slow release fertilizer, transplant young off-sets in the spring

### *Penstemon digitalis* ‘Dark Towers’, Smooth white beardtongue



Culture: sun to part shade; dry, sandy, or moist soil  
Form: 3ft. tall by 2ft. wide  
Special Features: North Carolina native, low maintenance, deer resistant  
Landscape Value: semi-evergreen purple foliage; stalked clusters of pink-white blooms in summer,  
Wildlife Value: nectar provides food for hummingbirds and bumblebees

### *Yucca filamentosa*, Adam’s needle



Culture: sun to light shade, dry sandy soil  
Form: 2ft tall by 2 to 3ft. wide  
Special Features: North Carolina native, low maintenance, deer resistant, tolerates drought once established  
Human Uses: fruit may be cooked and eaten once seeds are removed, petals may be used raw in salads or cooked  
Landscape Value: blue-green dagger like leaves with dark green edge, 6ft. tall stalk of white bell shaped flowers in spring and summer  
Wildlife Value: symbiotic relationship with Yucca Moth, provides food and larval host in return for pollination

### *Agapanthus sp.*, Lily of the Nile



Culture: sun to part shade; moist, rich garden soil  
Form: 2.5 to 3ft. tall  
Special Features: low maintenance, deer resistant  
Landscape Value: attractive foliage, shades of blue or white blossoms in summer  
Wildlife Value: attracts hummingbirds

### *Hesperaloe parviflora*, Red yucca



Culture: sun; dry sandy, loamy, or clayey soil  
Form: 2 to 3ft. tall and wide  
Special Features: North American native, low maintenance, drought tolerant once established, heat tolerant, spineless foliage  
Human Uses: floral arrangements  
Landscape Value: 5ft. arching stems of red flowers in spring to summer  
Wildlife Value: nectar provides food for humming birds and pollinators

### *Penstemon digitalis*, Smooth white beardtongue



Culture: sun to part shade; dry, sandy, or moist soil; tolerates dry shade  
Form: 3ft. tall by 2ft. wide  
Special Features: North Carolina native, low maintenance, deer resistant  
Landscape Value: stalked cluster of white blooms in summer, evergreen foliage  
Wildlife Value: nectar provides food for hummingbirds and bumblebees

### *Aspidistra elatior*, Cast Iron Plant



Culture: Part shade to shade, prefers organically rich soil but can tolerate poor soil conditions; intolerant of consistently wet soil  
Form: 2 to 3ft. tall and wide; spreads in clumps by rhizomes  
Special Features: low maintenance, drought tolerant once established, heat tolerant, thrives in shade  
Landscape Value: evergreen foliage, upright form, useful backdrop for other perennials  
Human Use: long lasting foliage useful in floral arrangements  
Plant Care: prune out browned or frayed leaves at the base annually or as necessary, fertilize (optional) lightly during the growing season, divide clumps in the spring every 2 to 3 years



Perennials contd.

*Sabal minor*, Dwarf Palmetto



Culture: sun to shade, wet to well drained soil  
Form: 4 to 5 ft. tall and wide  
Special Features: North Carolina native, low maintenance, tolerates drought once established, deer resistant  
Landscape Value: tropical appearance, fan shaped evergreen foliage  
Wildlife Value: provides cover and nesting for birds, fruit provides food for birds and mammals, nectar provides food for pollinators  
Plant Care: prune and remove damaged or unhealthy foliage as needed, fertilize (optional) with a slow release specialty palm fertilizer during the growing season

*Baptisia alba*, White wild indigo



Culture: sun to part shade; dry to moist soil; rocky or sandy, acid soils; tolerates clay and seasonal flooding  
Form: 2 to 3ft. tall and wide, occasionally up to 6 ft.  
Special Features: North Carolina native, low maintenance, drought tolerant once established  
Warning: irritating to humans if ingested, may be fatal to cows  
Landscape Value: spikes of white to cream flowers in spring to summer, bluish-gray to black fall foliage, black seedpods provide winter interest  
Wildlife Value: nectar provides food for pollinators, larval host for various butterflies

*Acanthus mollis*, Bears Breeches



Culture: Prefers part shade, but can tolerate sun or shade; leaf scorch may occur in hot or full sun conditions; prefers deep loamy soil; intolerant of consistently wet soil  
Form: 3 ft tall and wide; blooms reaching 5 ft tall  
Special Features: tolerates drought once established  
Landscape Value: course textured dark green foliage, creamy white to slightly pink or purple blooms emerge on tall inflorescence  
Plant Care: apply an all-purpose fertilizer in the spring and summer to promote vigorous growth, prune to remove spent flowers and old leaves, divide clumps in the spring as necessary

*Hemerocallis x ‘Aztec Gold’*, Aztec Gold Daylily



Culture: sun to part sun, moist well drained soil  
Form: 2ft. tall by 2ft. wide, clump forming  
Human Uses: edible, flowers add color to salads and other dishes, buds are delicious sauted with butter and salted to taste  
Landscape Value: orange-yellow flowers in summer

*Colocasia esculenta*, Elephant Ear



Culture: partial shade; consistently moist soil, can tolerate full sun with adequate moisture  
Form: commonly 4 to 5 ft tall and wide, clump forming  
Special Features: semi-cold hardy tropcial plant  
Landscape Value: bold course textured foliage, leaves up to 3 ft long, arching stems  
Human Use: roots called corms are edible when cooked  
Plant Care: water routinely throughout the growing season for optimal growth, fertilize (optional) lightly during the growing season, cut back to the ground after first frost, provide a thick layer of mulch to protect tubers from frost or dig up and store tubers in a cool dry location through the winter

*Heuchera micrantha ‘Palace Purple’*, Coral bells



Culture: part sun to shade, moist, well drained, rich, loamy soil  
Form: 1 to 2ft. tall by 2ft. wide, clump forming  
Special Features: North American native, low maintenance, deer resistant  
Human Uses: floral arrangements  
Landscape Value: groundcover with spikes of small white or pink flowers in late spring and early summer, dark purple evergreen foliage creates year round interest  
Wildlife Value: nectar provides food for various pollinators





## Perennials contd.

### *Leucojum aestivum*, Summer snowflake



Culture: sun to part shade, adaptable to various soil and moisture conditions  
Form: 12 to 14 in. tall, spreading and clump forming  
Special Features: very low maintenance, easy to grow, pest and disease resistant  
Landscape Value: white flower in summer  
Wildlife Value: nectar provides food for butterflies and other pollinators

### *Dryopteris marginalis*, Marginal woodfern



Culture: part shade to shade, moist soil, rich and rocky preferred  
Form: 1 to 2ft. tall and wide, clump forming  
Special Features: North Carolina native, low maintenance, very deer resistant  
Landscape Value: fine textured, evergreen foliage  
Wildlife Value: provides cover for toads and lizards

### *Adiantum capillus-veneris*, Southern maidenhair



Culture: prefers full shade, average to medium moisture, well drained, acidic humus or loam; often found along rich wooded slopes and bottom lands  
Form: 1ft. tall by 2ft. wide, clump forming  
Special Features: North Carolina native, low maintenance, deer resistant  
Landscape Value: lacy textured foliage

### *Hosta spp.*, Hosta



Culture: part shade to shade, prefers well drained organically rich soil but are tolerant of a variety of conditions  
Form: 1 to 3 ft tall and wide; clump forming; size varies with cultivar  
Special Features: shade tolerant, drought tolerant once established  
Landscape Value: variety of leaf colors available, tropical foliage  
Wildlife Value: provides cover for toads and lizards  
Plant Care: prune old foliage to the ground before new spring growth emerges, provide fertilizer or compost in the spring to promote new growth, divide clumps in the spring every 3 to 4 years

### *Tiarella wherryi*, Foamflower



Culture: part shade to shade, moist soil, rich and slightly acidic soils  
Form: 1 to 2ft. tall by 18in. wide  
Special Features: North Carolina native, moderately deer and rabbit resistant, low maintenance  
Note: tolerates dry shade but will result in slower overall growth  
Landscape Value: white to pink flowers in mid spring, burgundy leaves in the fall, semi-evergreen  
Wildlife Value: nectar provides food for butterflies and other pollinators

### *Polystichum acrostichoides*, Christmas Fern



Culture: adaptable, but prefers shade and soil with high organic matter  
Special Features: North Carolina native, low maintenance, very deer resistant  
Form: 12 to 18in. tall by 2 to 3ft. wide, clump forming  
Landscape Value: glossy evergreen foliage  
Wildlife Value: limited, provides cover for small animals

### *Liriope platyphylla* ‘Kunming’, Kunming Giant Liriope



Culture: prefers part shade, well drained soils  
Form: 18in. tall clump forming up to 4ft. around., 36in. tall with flower spikes  
Special Features: low maintenance, deer resistant, tolerates drought once established  
Landscape Value: medium textured evergreen grass like foliage, forms 36” tall spikes of violet flowers in June and July  
Wildlife Value: nectar provides food for bumblebees and other pollinators

Perennials contd.

Actaea racemosa, Fairy candles



Culture: part shade to shade (prefers morning sun); moist, moderately acidic, humus-rich soil

Form: 3 to 6ft. tall

Special Features: North Carolina native, low maintenance, deer resistant

Human Uses: floral arrangements; odor repels insects; traditionally used to treat ailments ranging from snakebite and lung inflammation, to the pains of childbirth

Landscape Value: coarse textured basal foliage with tall candle like spikes of white flowers in summer

Wildlife Value: nectar provides food for butterflies

Liriope longipedicellata ‘Porcupine’, Porcupine Monkey Grass



Culture: prefers part shade, well drained soils

Form: 8 to 10in. tall clump forming up to 2ft. around

Special Features: low maintenance, deer resistant, tolerates drought once established

Landscape Value: fine textured evergreen grass like foliage, forms 20” tall spikes of lavender flowers in September,

Wildlife Value: nectar provides food for bumblebees and other pollinators

Drawn by:  
Wes Aycock  
Reviewed by:  
James Clark  
Date:  
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P-9

Bell, Lucy Residence  
Sarah Bell and Brian Lucy  
410 Cutler St,  
Raleigh NC 27603

AEDAN  
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4137 South Alston Avenue  
Durham, North Carolina 27713  
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www.AEDAN.com





# Culinary Herbs

## Rosmarinus officinalis, Rosemary



Culture: full sun, sandy well drained soil  
Form: 3 to 5ft. tall and wide  
Special Features: low maintenance, tolerates drought once established, deer resistant  
Human Uses: culinary, aromatic, and medicinal herb, uses range from potpourris to cosmetics, disinfectants, shampoos, and flavoring foods  
Landscape Value: small pink, blue, or white flowers in spring, evergreen foliage  
Wildlife Value: nectar provides food for butterflies and other pollinators

## Thymus vulgaris, Garden Thyme



Culture: full sun but will tolerate part shade; moist, well drained alkaline soils  
Form: 6 to 12in. tall by 1 to 2ft. wide  
Special Features: low maintenance, tolerates drought once established, deer resistant  
Note: cutting back and dividing every few years will help rejuvenate aging  
Human Uses: culinary, aromatic, and medicinal herb, uses range from potpourris to disinfectants, mouth washes, and flavoring foods  
Landscape Value: small blue flowers in summer, evergreen foliage  
Wildlife Value: nectar provides food for pollinators

## Salvia officinalis, Common Sage



Culture: full sun  
Form: 18in. tall and wide  
Special Features: low maintenance, tolerates drought once established, deer resistant  
Note: cutting back and dividing every few years will help rejuvenate aging  
Human Uses: culinary, aromatic, and medicinal herb, uses range from after-shave, to potpourris, remedies for sore throats, and flavoring foods  
Landscape Value: small blue flowers in summer, evergreen foliage  
Wildlife Value: nectar provides food for pollinators

## Lavandula angustifolia, English Lavender



Culture: sun to part shade; evenly moist, moderately rich, well drained soil  
Form: 18in. tall and wide  
Special Features: low maintenance, tolerates drought once established, deer resistant  
Human Uses: culinary, aromatic, and medicinal herb; uses range from potpourris to cosmetics, shampoos, and flavoring foods  
Landscape Value: small violet to lavender flowers in summer, evergreen foliage  
Wildlife Value: nectar provides food for butterflies and other pollinators

## Origanum vulgare, Oregano



Culture: sun; dry to medium well drained soil  
Form: 1ft. to 18in. tall and wide  
Special Features: edible perennial, low maintenance, tolerates drought once established, deer resistant  
Human Uses: culinary, aromatic, and medicinal herb; uses range from disinfectants to flavoring foods, reputed to alleviate muscle aches, joint pain, and indigestion, among other things  
Landscape Value: small pink to white flowers in late summer to fall, cultivars offer a variety of foliage colors and more showy flowers with some sacrifice in flavor



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# Grasses contd.

## Carex appalachica, Appalachian sedge



Culture: prefers shade to part shade in dry to average well drained soils; can tolerate a variety of conditions

Form: 10-12in. tall and wide, clump forming

Special Features: North Carolina native, low maintenance, deer resistant drought and shade tolerant.

Notes: cool season grass, cut back in late winter before spring flowering

Landscape Value: has a tidy clumping habit and fits well into a woodland setting, useful in rock gardens, borders and along pathways

Ornamental Value: fine textured semi-evergreen foliage

## Carex grayi, Gray’s Sedge



Culture: full sun to part shade in medium to wet soils

Form: 2-3ft. tall and 1.5-2ft. wide, clump forming, may self seed in suitable conditions

Special Features: North Carolina native, low maintenance, deer resistant drought and shade tolerant.

Notes: cool season grass, may cut back in late winter before spring flowering

Landscape Value: fits well into a woodland setting, useful in rain gardens, borders and along pathways

Ornamental Value: blades of semi-evergreen foliage with interesting seed heads which persist through winter and are attractive in cut and dried flower arrangements

## Schizachyrium scoparium, Little bluestem



Culture: sun to part shade; adaptable to most dry, well drained soils,

Form: 18” to 2ft. tall by 1ft. wide, clump forming

Special Features: North Carolina native, low maintenance, deer resistant, tolerates drought once established

Notes: may be cut back in late winter just before new growth appears to rejuvenate appearance and vigor, prolific self seeder

Landscape Value: fine textured foliage has bluish color at stems base in the spring and striking reddish-tan color in fall and persisting through winter

Wildlife Value: provides cover, nesting material and food for birds, butterflies and native bees; larval host and nectar source for various species of Skipper butterfly

## Carex cherokeensis, Cherokee Sedge



Culture: full sun to part shade in medium to wet soils

Form: 12-18in. tall and wide, clump forming

Special Features: North Carolina native, low maintenance, deer resistant drought and shade tolerant.

Notes: cool season grass, cut back in late winter before spring flowering

Landscape Value: fine textured evergreen foliage; has a tidy clumping habit and fits well into a woodland setting; useful in rain gardens, borders and along pathways

## Carex pensylvanica, Pennsylvania sedge



Culture: shade to part shade, best in dry to average well drained soil

Form: 8 inches tall and wide, spreads by rhizomes

Special Features: North Carolina native, low maintenance, deer resistant drought tolerant and shade tolerant.

Notes: can handle more sun with adequate moisture, cut back in late winter before spring flowering, does not handle foot traffic

Landscape Value: slowly spreading habit that naturalizes well into a woodland setting, good underplanting for other woodland perennials, useful as a no mow lawn alternative

Ornamental Value: fine textured semi-evergreen foliage in milder climates

## Muhlenbergia capillaris, Pink muhly grass



Culture: sun, moist sandy soil, adaptable

Form: 2 to 3ft. tall and wide

Special Features: North Carolina native, low maintenance, deer resistant, drought tolerant once established

Human Uses: floral arrangements

Landscape Value: finely textured foliage, airy pinkish flower spikes in fall

4137 South Alston Avenue  
Durham, North Carolina 27713  
919.819.2989 | 919.523.1842  
www.AEDAN.com

AEDAN  
WORKSHOP

Bell, Lucy Residence  
Sarah Bell and Brian Lucy  
410 Cutler St,  
Raleigh NC 27603

Drawn by:  
Wes Aycock  
Reviewed by:  
James Clark  
Date:  
Feb 4, 2020

Plant  
Schedule

P-11





## Vines

### *Trachelospermum jasminoides*, Star jasmine



Culture: sun to part shade, average well drained soil

Form: climbing vine

Special Features: low maintenance, moderately deer resistant, drought tolerant once established

Landscape Value: evergreen foliage, fragrant white flowers in spring

Wildlife Value: nectar provides food for pollinators

### *Gelsemium sempervirens*, Carolina Yellow Jessamine



Culture: sun to part shade, average well drained soil

Form: twining vine

Special Features: low maintenance, highly deer resistant, drought tolerant once established

Landscape Value: evergreen foliage, fragrant yellow flowers in early spring

Wildlife Value: nectar provides food for pollinators

## Groundcovers

### *Campanula poscharskyana* ‘Camgood’, Blue waterfall Serbian bellflower



Culture: part shade to shade, prefers slightly moist soil

Form: 8in. tall spreading up to 4ft. wide

Special Features: low maintenance, deer resistant, tolerates dry shade

Ornamental Value: evergreen, small star shaped lavender-blue flowers from May to August

Wildlife Value: nectar provides food for various pollinators

### *Veronica umbrosa* ‘Georgia Blue’, Georgia blue speedwell



Culture: sun to part shade

Form: 4in. tall and spreading

Special Features: low maintenance, deer resistant

Ornamental Value: evergreen, dark green rounded foliage with small blue flowers from February through April

Wildlife Value: nectar provides food for various pollinators

### *Ophiopogon japonicus* ‘Nanus’, Dwarf Mondo Grass



Culture: part sun to part shade, prefers moist soil but is highly adaptable

Form: 4 to 6in. tall and. wide, slow clump forming aggressive

Special Features: low maintenance, tolerates drought once established, deer resistant

Landscape Value: ground cover, steppable lawn alternative; appropriate between stepping stones