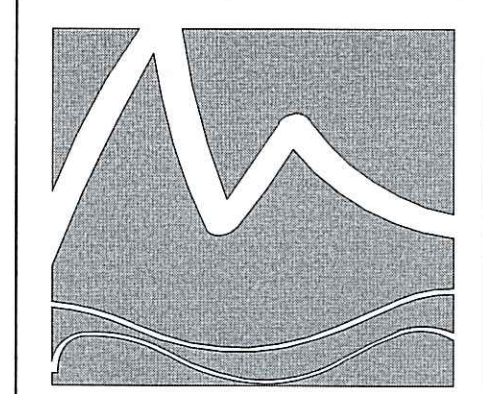
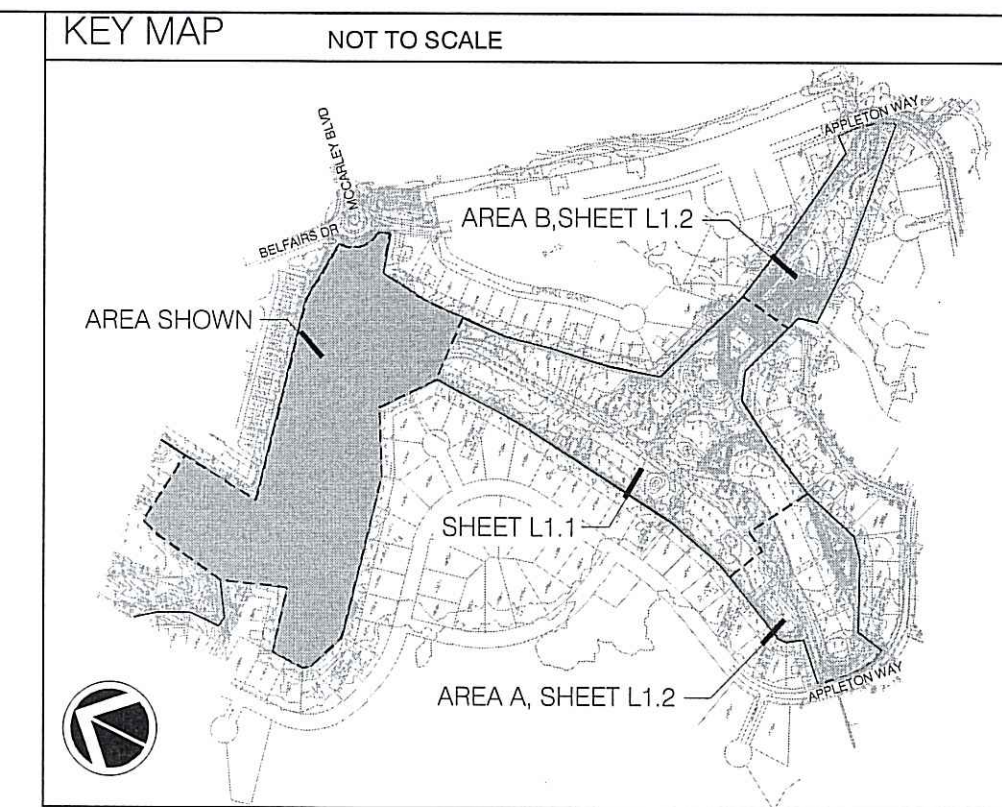


PLANT SCHEDULE L1.0

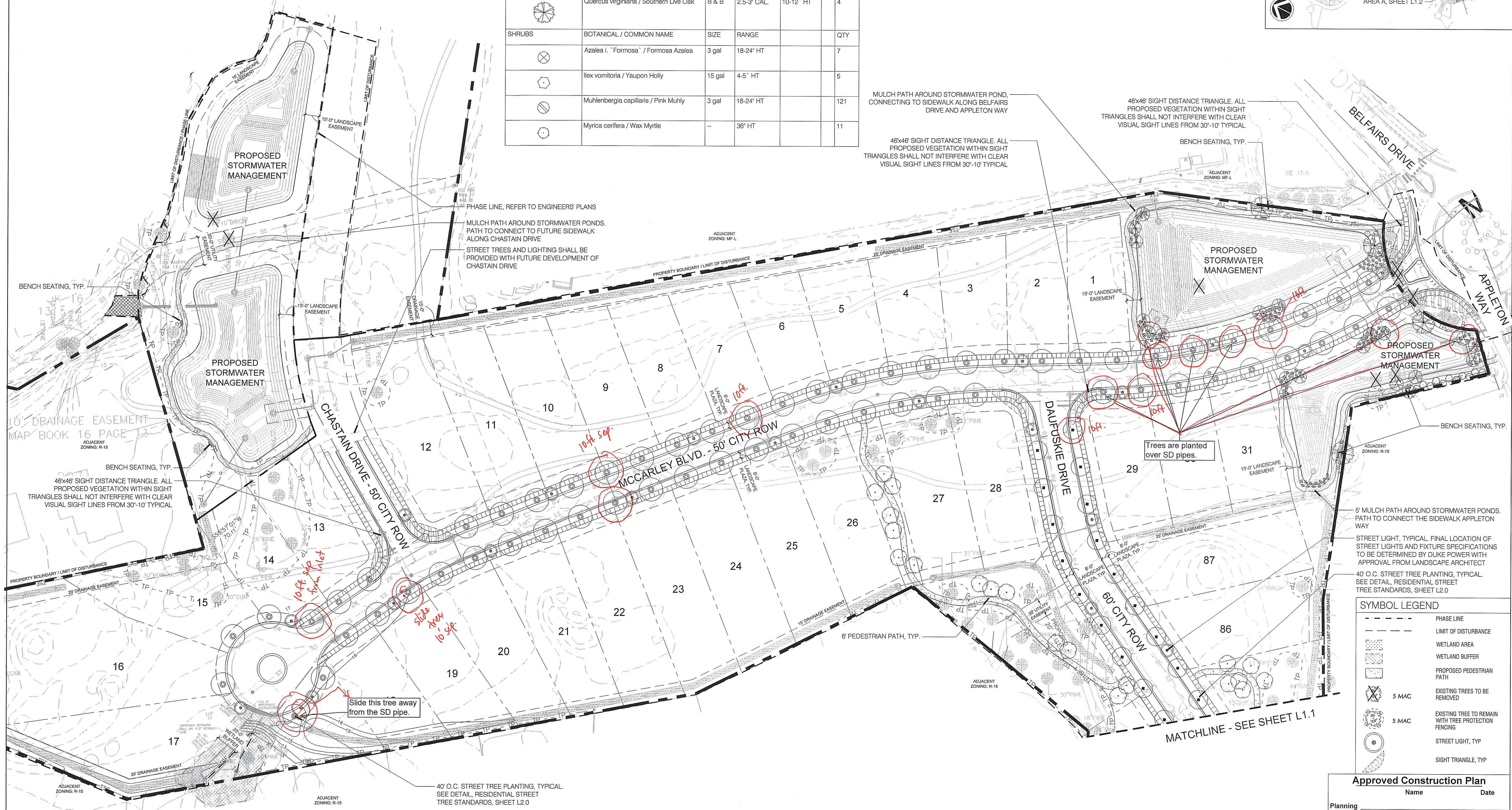
LARGE SHADE TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Betula nigra / River Birch "Duraheat"	B & B	2.5" CAL	8-10' HT	21
	Pinus taeda / Loblolly Pine	B & B	2"-2.5" CAL	7-8' HT	20
	Quercus nuttallii / Nuttall Oak	B & B	2.5-3" CAL	10-12' HT	18
	Quercus shumardii / Shumard Red Oak	B & B	3" CAL	10-12' HT	62
	Quercus virginiana / Southern Live Oak	B & B	2.5-3" CAL	10-12' HT	4
SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
	Azalea l. "Formosa" / Formosa Azalea	3 gal	18-24" HT	7	
	Ilex vomitoria / Yaupon Holly	15 gal	4-5' HT	5	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT	121	
	Myrica cerifera / Wax Myrtle	--	36" HT	11	



MIHALY  
LAND DESIGN  
PLANNING + LANDSCAPE ARCHITECTURE  
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Wilmington, NC 28405 910.392.4355



Revisions  
5-27-2018: UPDATE PLANS AND ADDRESS COMMENTS FROM COW  
6-15-2018: UPDATE PLANS PER REMOVED TREES  
7-12-2018: REDUCE OVERALL TREES PLANTED



MULCH PATH AROUND STORMWATER POND, CONNECTING TO SIDEWALK ALONG BELFAIRS DRIVE AND APPLETON WAY

46x46' SIGHT DISTANCE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10' TYPICAL

BENCH SEATING, TYP.

46x46' SIGHT DISTANCE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10' TYPICAL

BENCH SEATING, TYP.

10' DRAINAGE EASEMENT  
MAP BOOK 16 PAGE 13

ADJACENT ZONING: R-15

BENCH SEATING, TYP.

46x46' SIGHT DISTANCE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SIGHT TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10' TYPICAL

5' MULCH PATH AROUND STORMWATER PONDS. PATH TO CONNECT THE SIDEWALK APPLETON WAY

STREET LIGHT, TYPICAL. FINAL LOCATION OF STREET LIGHTS AND FIXTURE SPECIFICATIONS TO BE DETERMINED BY DUKE POWER WITH APPROVAL FROM LANDSCAPE ARCHITECT

40' O.C. STREET TREE PLANTING, TYPICAL. SEE DETAIL, RESIDENTIAL STREET TREE STANDARDS, SHEET L2.0

SYMBOL LEGEND

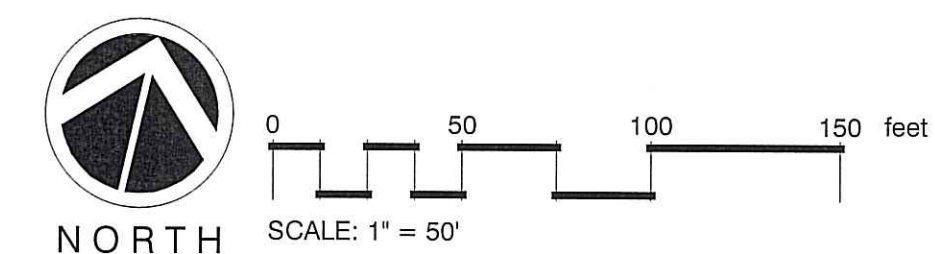
	PHASE LINE
	LIMIT OF DISTURBANCE
	WETLAND AREA
	WETLAND BUFFER
	PROPOSED PEDESTRIAN PATH
	5' MAC EXISTING TREES TO BE REMOVED
	5' MAC EXISTING TREE TO REMAIN WITH TREE PROTECTION FENCING
	STREET LIGHT, TYP
	SIGHT TRIANGLE, TYP

Approved Construction Plan

Name	Date
Planning	
Traffic	
Fire	

\*NOTE: ANY RESURFACING / CONSTRUCTION OF PEDESTRIAN TRAILS IN CONSERVATION RESOURCE WILL BE LIMITED TO HAND EQUIPMENT AND MINIMAL DISTURBANCE PERMITTED DUE TO THE SENSITIVITY OF THE RESOURCE

\*NOTE: PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING



CLIENT  
**ECHO FARMS, LLC**  
c/o MATRIX DEVELOPMENT GROUP  
CN 4000 FORSGATE DRIVE  
CRANBURY, NJ 08512

PROJECT  
**TRACT 3B - WOODLANDS @ ECHO FARMS**  
41174 ECHO FARMS BLVD.  
WILMINGTON, NC 28412  
LANDSCAPE PLAN

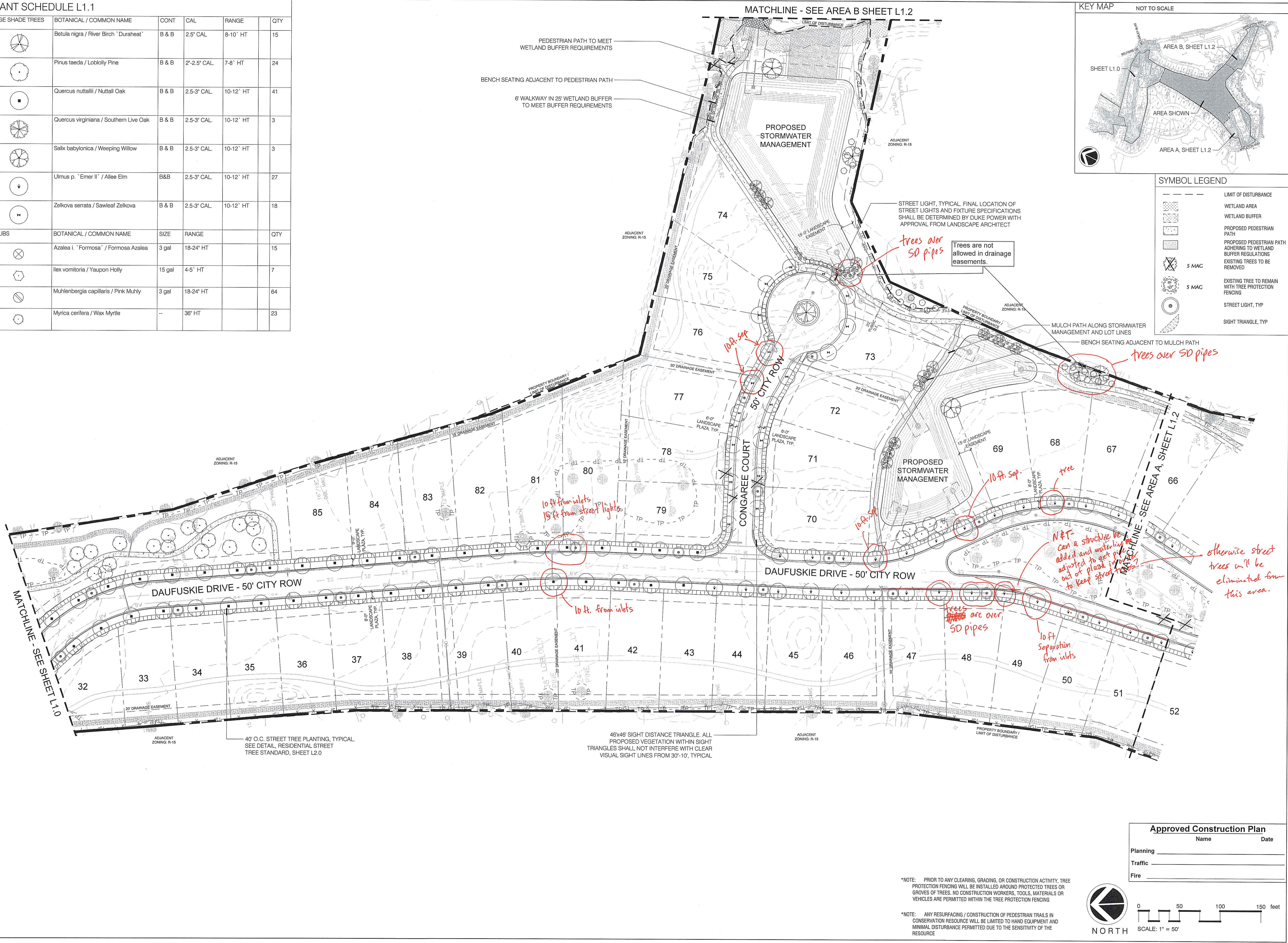
CONSTRUCTION DOCUMENT REVIEW SET

Date: 03/21/2018  
Phase:  
Job Number: 810-02  
Designed by: MLD  
Drawn by: MAS  
Checked by: JWM

Sheet Title:  
**LANDSCAPE PLAN**

Sheet Number:  
**L1.0**  
of 5 sheets

PLANT SCHEDULE L1.1					
LARGE SHADE TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Betula nigra / River Birch 'Duraheat'	B & B	2.5' CAL	8-10' HT	15
	Pinus taeda / Loblolly Pine	B & B	2'-2.5' CAL	7-8' HT	24
	Quercus nuttallii / Nuttall Oak	B & B	2.5-3' CAL	10-12' HT	41
	Quercus virginiana / Southern Live Oak	B & B	2.5-3' CAL	10-12' HT	3
	Salix babylonica / Weeping Willow	B & B	2.5-3' CAL	10-12' HT	3
	Ulmus p. 'Emer II' / Allee Elm	B&B	2.5-3' CAL	10-12' HT	27
	Zelkova serrata / Sawleaf Zelkova	B & B	2.5-3' CAL	10-12' HT	18
SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
	Azalea l. 'Formosa' / Formosa Azalea	3 gal	18-24' HT	15	
	Ilex vomitoria / Yaupon Holly	15 gal	4-5' HT	7	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24' HT	64	
	Myrica cerifera / Wax Myrtle	--	36' HT	23	



**KEY MAP** NOT TO SCALE

**SYMBOL LEGEND**

- LIMIT OF DISTURBANCE
- WETLAND AREA
- WETLAND BUFFER
- PROPOSED PEDESTRIAN PATH
- PROPOSED PEDESTRIAN PATH ADHERING TO WETLAND BUFFER REGULATIONS
- EXISTING TREES TO BE REMOVED
- EXISTING TREE TO REMAIN WITH TREE PROTECTION FENCING
- STREET LIGHT, TYP
- SIGHT TRIANGLE, TYP
- 5 MAG
- 5 MAG

**MIHALY LAND DESIGN**  
 PLANNING + LANDSCAPE ARCHITECTURE  
 330 MILITARY CUTOFF RD., Suite A3  
 Wilmington, NC 28405 910.392.4355

**Revisions**  
 4-27-2018: UPDATE PLANS AND ADDRESS COMMENTS FROM COW  
 5-15-2018: UPDATE PLANS PER REMOVED TREES  
 7-12-2018: REDUCE OVERALL TREES PLANTED

**CLIENT**  
**ECHO FARMS, LLC**  
 c/o MATRIX DEVELOPMENT GROUP  
 CN 4000 FORSGATE DRIVE  
 CRANBURY, NJ 08512

**PROJECT**  
**TRACT 3B - WOODLANDS @ ECHO FARMS**  
 4114 ECHO FARMS BLVD.  
 WILMINGTON, NC 28412  
 LANDSCAPE PLAN

**CONSTRUCTION DOCUMENT REVIEW SET**

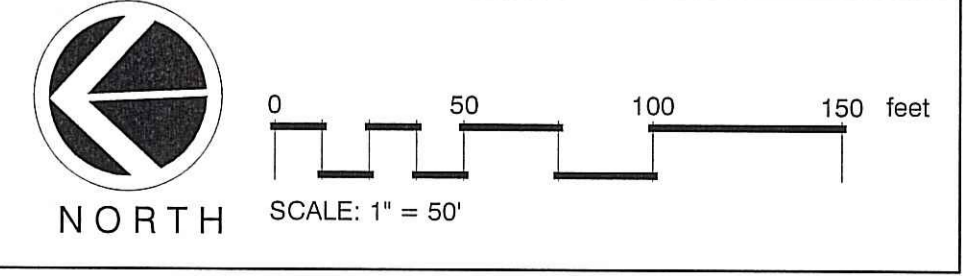
Date: 03/21/2018  
 Phase:  
 Job Number: 810-02  
 Designed by: MLD  
 Drawn by: MAS  
 Checked by: JWM

Sheet Title:  
**LANDSCAPE PLAN**

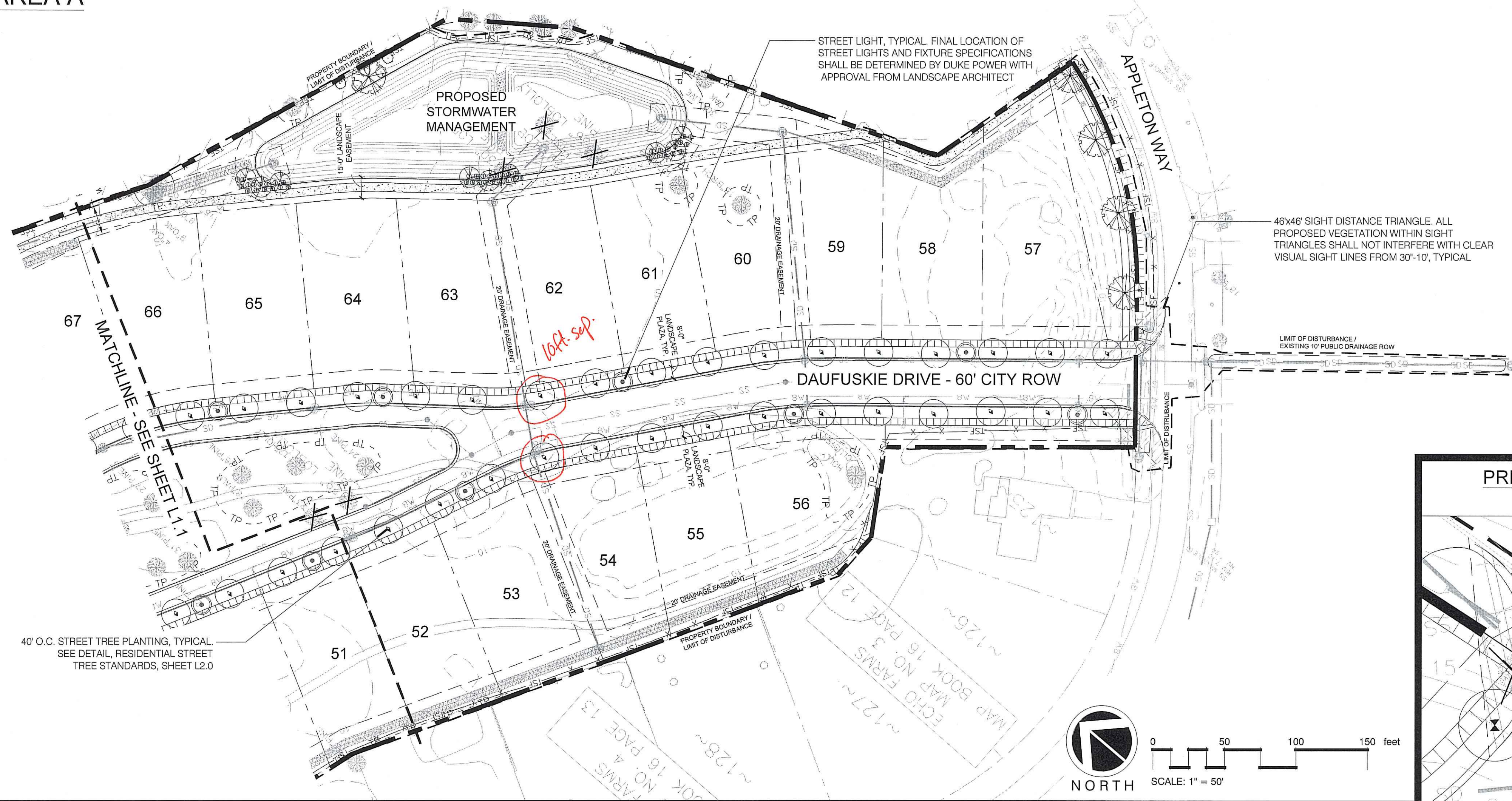
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**L1.1**  
 of 5 sheets

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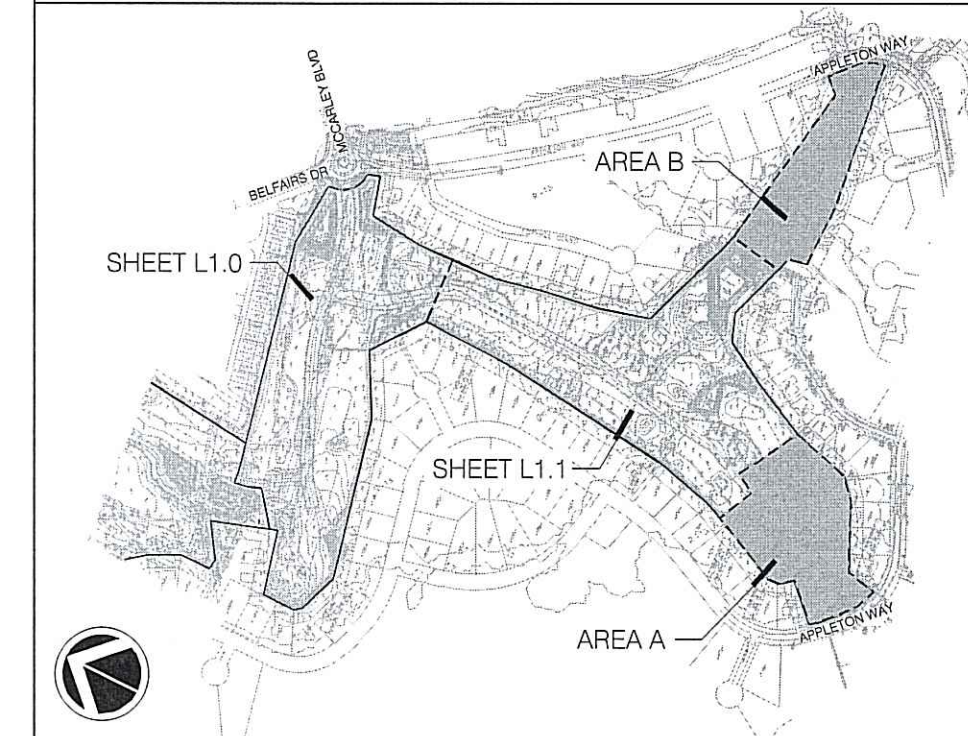
\*NOTE: ANY RESURFACING / CONSTRUCTION OF PEDESTRIAN TRAILS IN CONSERVATION RESOURCE WILL BE LIMITED TO HAND EQUIPMENT AND MINIMAL DISTURBANCE PERMITTED DUE TO THE SENSITIVITY OF THE RESOURCE



AREA A

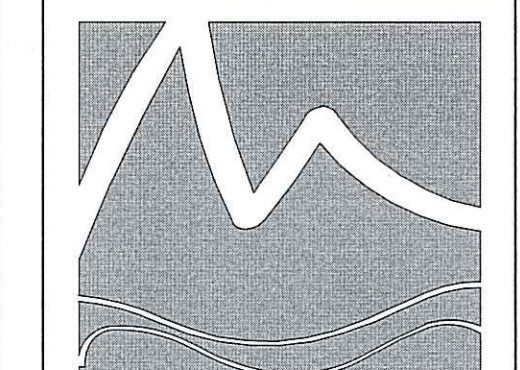


KEY MAP NOT TO SCALE

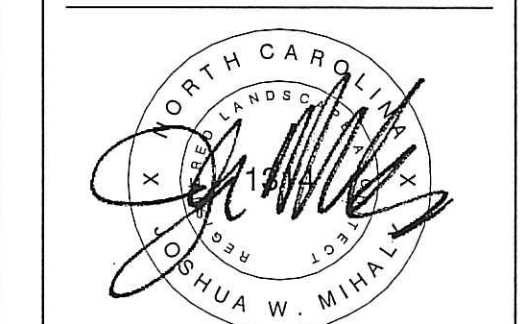


PLANT SCHEDULE AREA A

LARGE SHADE TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Betula nigra / River Birch 'Duraheat'	B & B	2.5' CAL	8-10' HT	9
	Quercus virginiana / Southern Live Oak	B & B	2.5-3' CAL	10-12' HT	5
	Ulmus p. 'Emer II' / Alee Elm	B&B	2.5-3' CAL	10-12' HT	31
SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24' HT	45	
	Myrica cerifera / Wax Myrtle	--	36' HT	5	



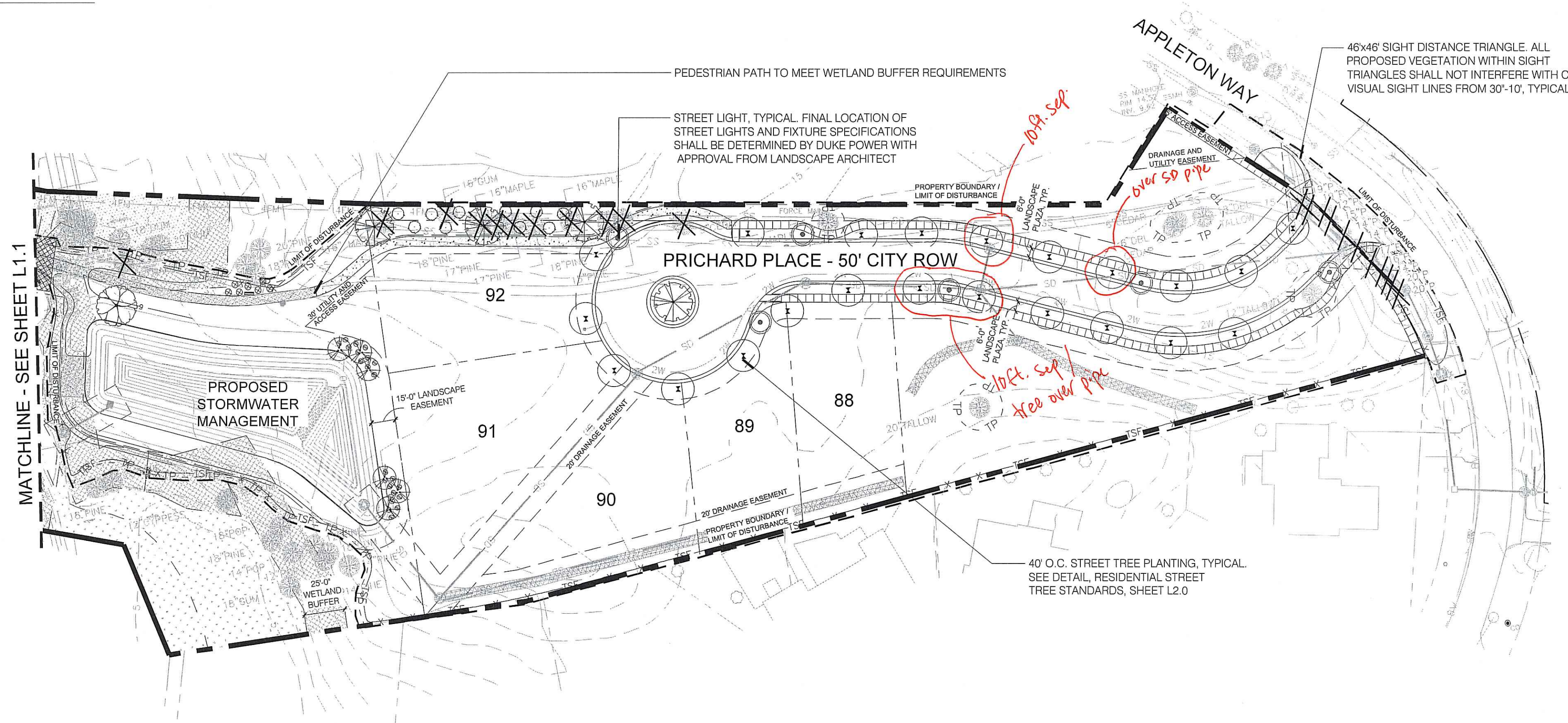
**MIHALY**  
LAND DESIGN  
PLANNING + LANDSCAPE ARCHITECTURE  
330 MILITARY CUTOFF RD., Suite A3  
Wilmington, NC 28405 910.392.4355



Revisions  
4-27-2018: UPDATE PLANS AND ADDRESS COMMENTS FROM COW  
6-18-2018: UPDATE PLANS PER REMOVED TREES  
7-12-2019: REUSE OVERALL TREES PLANTED

CLIENT  
**ECHO FARMS, LLC**  
c/o MATRIX DEVELOPMENT GROUP  
CN 4000 FORSGATE DRIVE  
CRANFURY, NJ 08512

AREA B



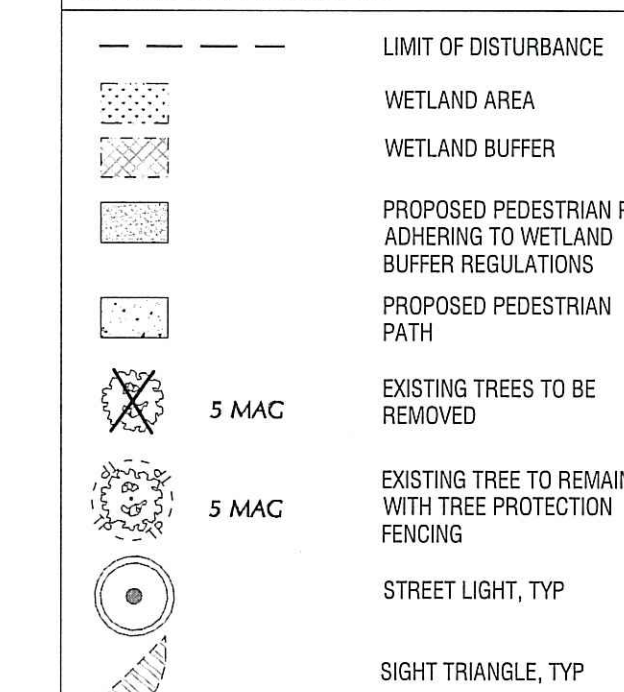
PRICHARD PLACE & APPLETON WAY ENLARGEMENT



PLANT SCHEDULE AREA B

LARGE SHADE TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Betula nigra / River Birch 'Duraheat'	B & B	2.5' CAL	8-10' HT	6
	Quercus virginiana / Southern Live Oak	B & B	2.5-3' CAL	10-12' HT	4
	Salix babylonica / Weeping Willow	B & B	2.5-3' CAL	10-12' HT	1
	Zelkova serrata / Sawleaf Zelkova	B & B	2.5-3' CAL	10-12' HT	22
SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
	Azalea l. 'Formosa' / Formosa Azalea	3 gal	18-24' HT	7	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24' HT	22	
	Myrica cerifera / Wax Myrtle	--	36' HT	10	

SYMBOL LEGEND



Approved Construction Plan

Name	Date
Planning	
Traffic	
Fire	

PROJECT  
**TRACT 3B - WOODLANDS @ ECHO FARMS**  
4114 ECHO FARMS BLVD.  
WILMINGTON, NC 28412  
LANDSCAPE PLAN

CONSTRUCTION DOCUMENT REVIEW SET

Date: 03/21/2018  
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Drawn by: MAS  
Checked by: JWM  
Sheet Title: LANDSCAPE PLAN

Sheet Number:  
**L1.2**  
of 5 sheets

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