

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



**Revisions**  
2018-07-12: Updated Engineers base per emailed CAD file.  
2019-07-11: Updated per OOW Engineers comments

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

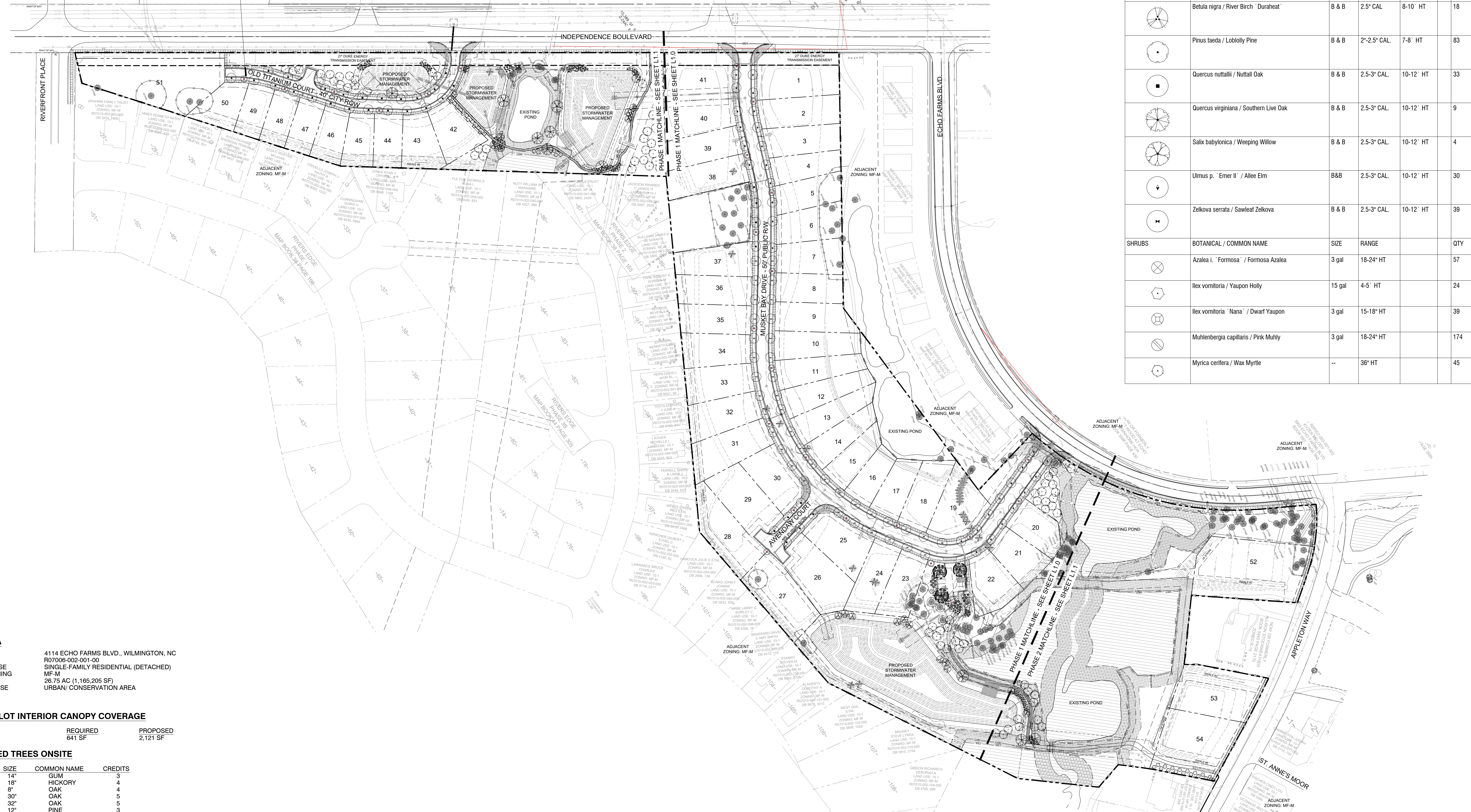
**PROJECT**  
**TRACT 2 - WOODLANDS @ ECHO FARMS**  
4114 ECHO FARMS BLVD.  
WILMINGTON, NC 28412  
LANDSCAPE PLAN

CONSTRUCTION DOCUMENT REVIEW SHEET  
Date: 1/26/2018  
Phase:  
Job Number: 810-01  
Designed by: MLD  
Drawn by: MAS  
Checked by: JWM  
Sheet Title: **OVERALL PLAN**  
Sheet Number:  
**L0.0**  
of 4 sheets

**PLANT SCHEDULE OVERALL**

TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Cercis c. 'Forest Pansy'™ / Forest Pansy Redbud	25 GAL	2" CAL	6-8' HT	6
LARGE SHADE TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Betula nigra / River Birch 'Duraheat'	B & B	2.5" CAL	8-10' HT	18
	Pinus taeda / Loblolly Pine	B & B	2"-2.5" CAL	7-8' HT	83
	Quercus nuttallii / Nuttall Oak	B & B	2.5-3" CAL	10-12' HT	33
	Quercus virginiana / Southern Live Oak	B & B	2.5-3" CAL	10-12' HT	9
	Salix babylonica / Weeping Willow	B & B	2.5-3" CAL	10-12' HT	4
	Ulmus p. 'Emer II' / Allee Elm	B&B	2.5-3" CAL	10-12' HT	30
	Zelkova serrata / Sawleaf Zelkova	B & B	2.5-3" CAL	10-12' HT	39
SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
	Azalea i. 'Formosa' / Formosa Azalea	3 gal	18-24" HT	57	
	Ilex vomitoria / Yaupon Holly	15 gal	4-5' HT	24	
	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 gal	15-18" HT	39	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT	174	
	Myrica cerifera / Wax Myrtle	--	36" HT	45	

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



**SITE DATA**  
ADDRESS 4114 ECHO FARMS BLVD., WILMINGTON, NC  
PARCEL ID R07006-002-001-00  
PROPOSED USE SINGLE-FAMILY RESIDENTIAL (DETACHED)  
EXISTING ZONING MF-M  
PARCEL AREA 26.75 AC (1,165,205 SF)  
CAMA LAND USE URBAN/ CONSERVATION AREA

**PARKING LOT INTERIOR CANOPY COVERAGE**  
3,205 SF(20%)      REQUIRED 641 SF      PROPOSED 2,121 SF

**PRESERVED TREES ONSITE**

QUANTITY	SIZE	COMMON NAME	CREDITS
1	14"	GUM	3
1	18"	HICKORY	4
2	8"	OAK	4
1	30"	OAK	5
1	32"	OAK	5
1	12"	PINE	3
2	16"	PINE	6
6	18"	PINE	24
3	20"	PINE	12
6	22"	PINE	24
2	24"	PINE	8
1	10"	WALNUT	2

TOTAL CREDITS FOR PRESERVED TREES = 100 CREDITS

**TREE MITIGATION REQUIREMENTS**  
REMOVED SIGNIFICANT TREES

QUANTITY	SIZE	COMMON NAME	% MITIGATION
1	24"	PINE	100
1	36"	PINE	50

24" x (1) = 24"/3 = 8 TREES  
36" x (2)(5) = 36"/3 = 11 TREES

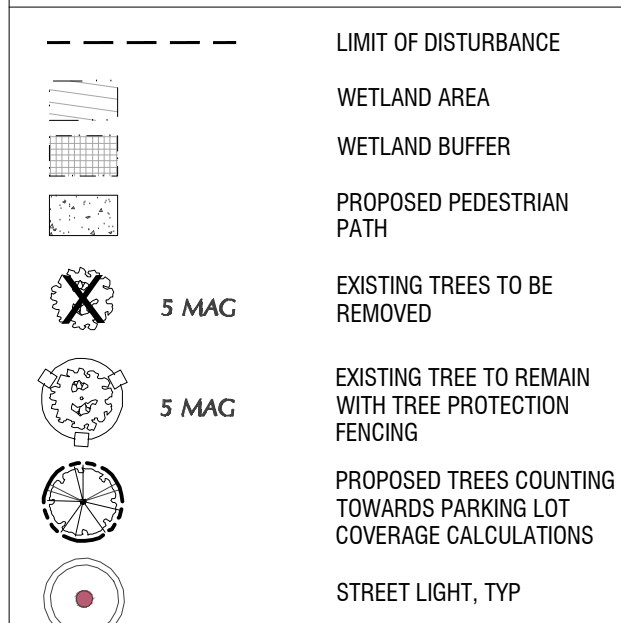
TOTAL TREES REQUIRED FOR MITIGATION 19 TREES  
TOTAL CREDITS FOR PRESERVED TREES 100 CREDITS  
PRESERVED TREE CREDITS SATISFY MITIGATION REQUIREMENT, NO ADDITIONAL TREES REQUIRED

**OVERALL TREE REQUIREMENTS (15 TREES/DISTURBED ACRE)**  
REQUIRED: 21.06 ACRES DISTURBED x 15 TREES = 316 TREES REQUIRED  
PROVIDED: 100 TREE CREDITS (EXISTING RETAINED TREES)  
216 TREES PROPOSED - REFER TO PLANTING LEGEND  
TOTAL: 316 TREES PROVIDED

**GENERAL PLANTING NOTES**

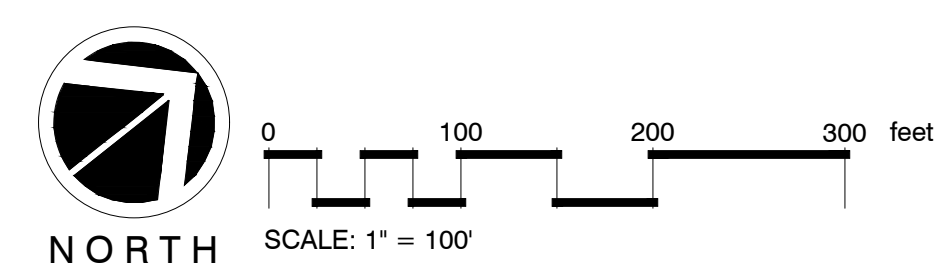
- THIS WORK INCLUDES, BUT IS NOT LIMITED TO THE FURNISHING OF ALL LABOR, MATERIALS, EQUIPMENT, FINAL GRADING, SEEDING, SOIL AMENDMENTS, ETC., AS MAY BE REQUIRED FOR A COMPLETE INSTALLATION.
- QUANTITIES SHOWN IN PLANT LISTS ARE FOR CONVENIENCE ONLY. PLANS SHALL GOVERN.
- THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANT LOCATIONS OR INSUFFICIENT PLANT QUANTITIES DUE TO DIFFERENCES IN PLAN AND ACTUAL FIELD CONDITIONS.
- ALL TREE AND SHRUB MATERIAL SPECIFIED MUST MEET STANDARD INDUSTRY SPECIFICATIONS FOR THE CONTAINER SIZE INDICATED. DOWNSIZING OR SUBSTITUTION OF PLANT MATERIAL WITHOUT PRIOR APPROVAL OF LANDSCAPE ARCHITECT WILL NOT BE ALLOWED.
- ALL LANDSCAPE AREAS SHALL BE GRADED TO A SMOOTH EVEN SURFACE PRIOR TO ANY PLANT INSTALLATION. ALL PLANT MATERIALS SHALL BE INSTALLED USING GOOD HORTICULTURAL PRACTICES IN ACCORDANCE WITH THE PLANS AND DETAILS.
- TREES SHALL NOT BE PLANTED CLOSER THAN FOUR (4) FEET FROM ANY WALKWAY OR PUBLIC SIDEWALK EXCEPT WHERE TREE WELLS OR PARKWAYS ARE PROVIDED IN THE SIDEWALK AREA. ALL TREE PLANTED WITHIN FIVE (5) FEET OF WALKS OR PUBLIC UTILITIES SHALL RECEIVE DEEP ROOT BARRIERS.
- TREE LOCATIONS SHOWN ON PLAN MAY REQUIRE ADJUSTMENT IN THE FIELD, WHENEVER FEASIBLE. TREES SHOULD BE PLANTED A MINIMUM OF TEN (10) FEET FROM ALL UNDERGROUND UTILITIES, STREETLIGHTS, HYDRANTS, AND OUT OF DRAINAGE FLOW LINES. SHOULD THIS NOT BE POSSIBLE, CONTACT THE LANDSCAPE ARCHITECT FOR DECISION ON PLACEMENT.
- ALL TREES IN TURF AREAS SHALL HAVE 12" MIN. C.I.R. CIRCUMFERENCE AROUND THE TRUNK BASE. PROVIDE 2" MIN. THK. MULCH AT BASE OF TRUNK.
- MATURE PLANTINGS SHALL NOT INTERFERE WITH UTILITIES AND TRAFFIC SIGHT LINES.
- ALL AREAS PLANTED WITH GROUNDCOVER SHALL BE MULCHED WITH SHREDDED HARDWOOD MULCH, PROVIDED MIN. OF 3 INCHES OF MULCH AROUND ALL VEGETATION NEAR RETENTION PONDS. ALL REMAINING AREAS SHALL BE MULCHED WITH PINESTRAW.
- 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 ANY RESURFACING/ CONSTRUCTION OF PEDESTRIAN TRAILS BEYOND THE PARKING LOT WILL BE LIMITED TO HAND EQUIPMENT AND MINIMAL DISTURBANCE PERMITTED DUE TO THE SENSITIVITY OF THE RESOURCE. CONSTRUCTION RELEASE WILL CONTAIN CONDITION REGARDING THIS IMPROVEMENT

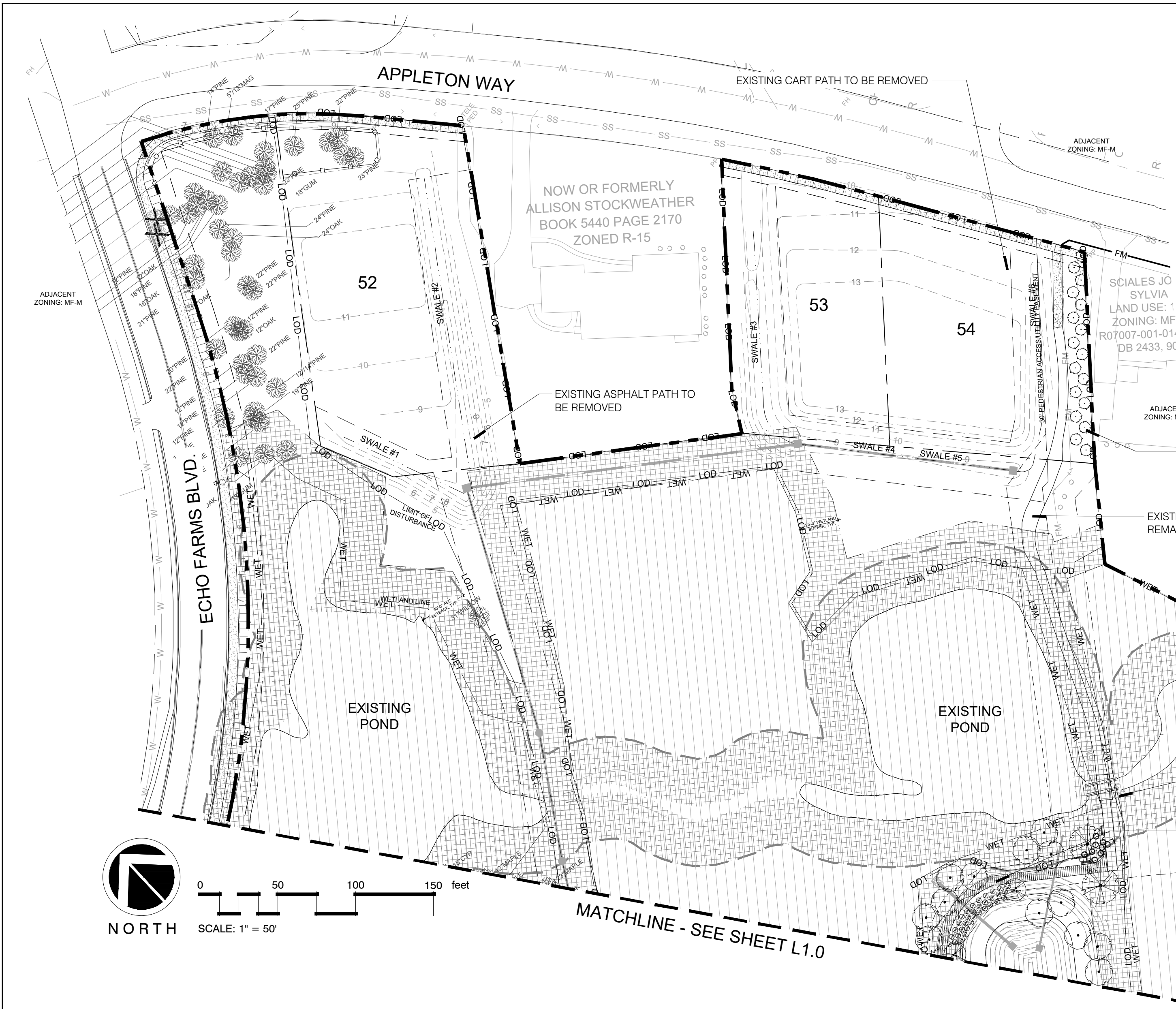
**SYMBOL LEGEND**



**Approved Construction Plan**

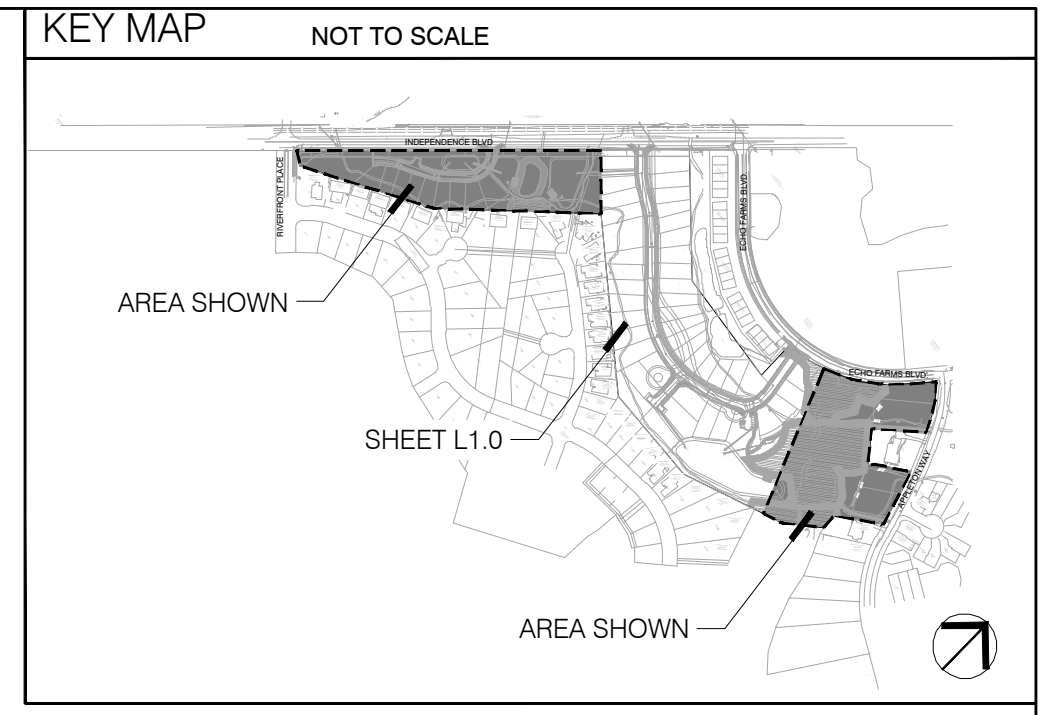
Name	Date
Planning	
Traffic	
Fire	



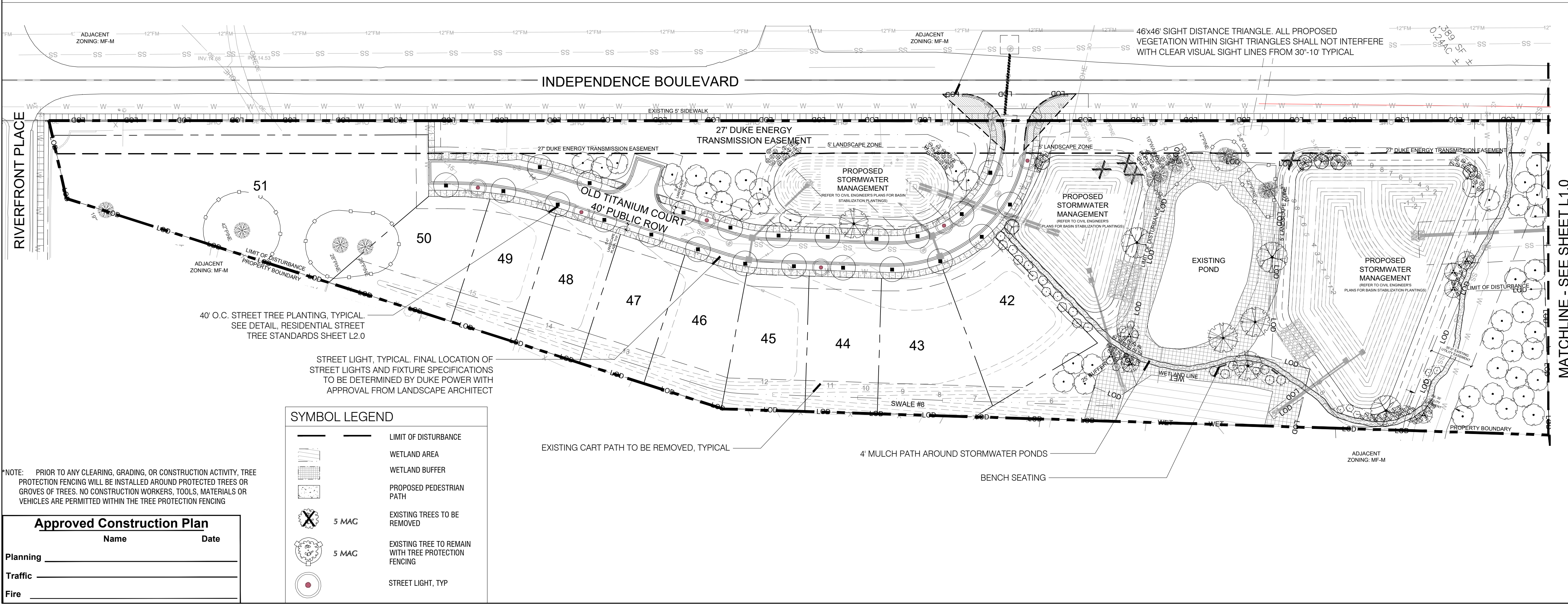
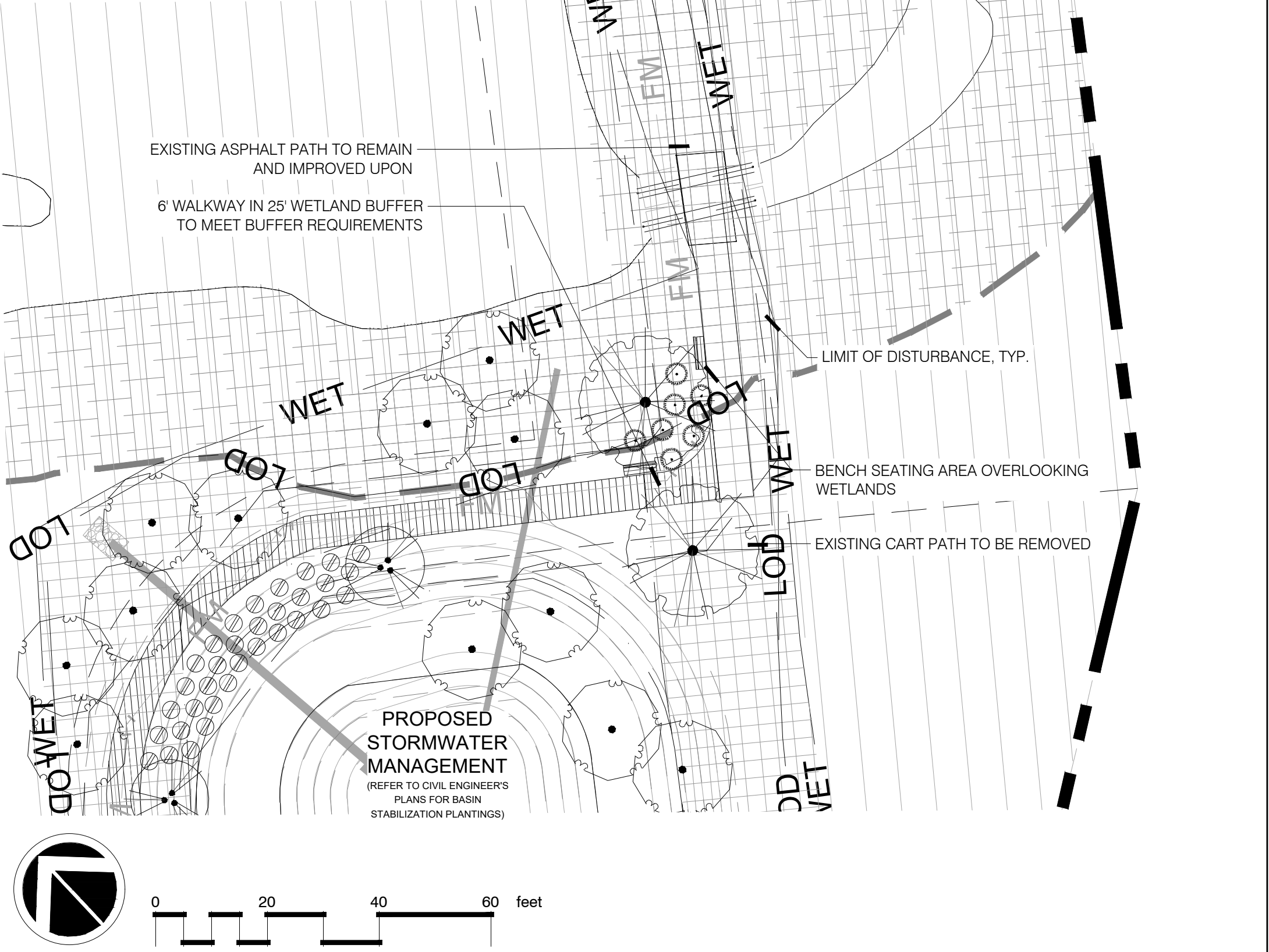


**PLANT SCHEDULE APPLETON WAY**

TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	RANGE	QTY
	Betula nigra / River Birch 'Duraheat'	B & B	2.5" CAL	8-10' HT	1
	Pinus taeda / Loblolly Pine	B & B	2"-2.5" CAL	7-8' HT	13
	Quercus virginiana / Southern Live Oak	B & B	2.5-3" CAL	10-12' HT	2
SHRUBS	BOTANICAL NAME / 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	33	
	Myrica cerifera / Wax Myrtle	15 gal	5-6' HT	17	



**KAYAK LAUNCH ENLARGEMENT**

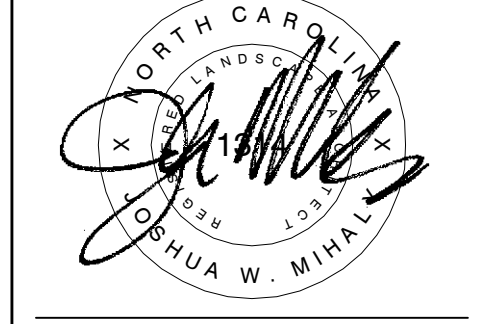
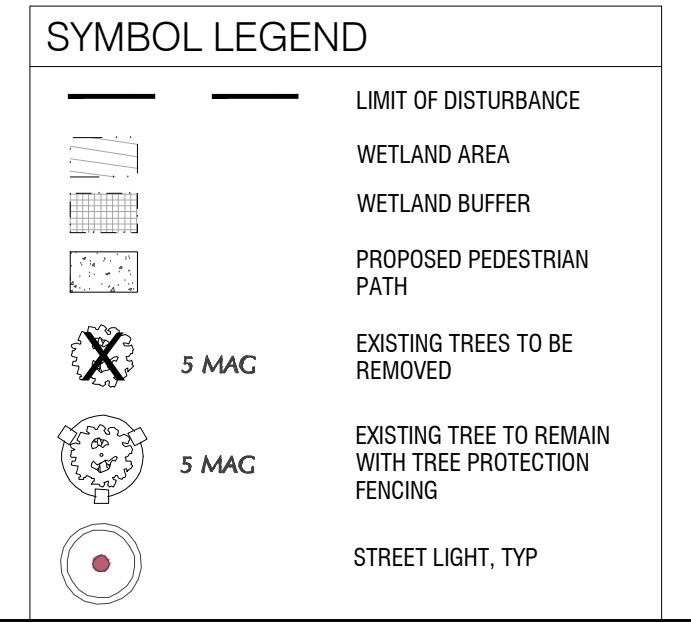


**PLANT SCHEDULE INDEPENDENCE BLVD.**

TREES	BOTANICAL NAME / COMMON NAME	CONT	CAL	RANGE	QTY
	Betula nigra / River Birch 'Duraheat'	B & B	2.5" CAL	8-10' HT	7
	Cercis c. 'Forest Pansy' TM / Forest Pansy Redbud	25 GAL	2" CAL	6-8' HT	6
	Pinus taeda / Loblolly Pine	B & B	2"-2.5" CAL	7-8' HT	27
	Quercus nuttallii / Nuttall Oak	B & B	2.5-3" CAL	10-12' HT	23
	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	3
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	RANGE	QTY	
	Ilex vomitoria / Yaupon Holly	15 gal	4-5' HT	15	
	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 gal	15-18" HT	39	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT	121	
	Myrica cerifera / Wax Myrtle	15 gal	5-6' HT	22	

**Approved Construction Plan**

Name	Date
Planning	
Traffic	
Fire	



**Revisions**  
2018-07-12: Updated Engineers base per emailed CAD file.  
2019-07-11: Updated per COO Engineers comments

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LANDSCAPE PLAN

Date: 1/26/2018  
Phase:  
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Designed by: MLD  
Drawn by: MAS  
Checked by: JWM  
Sheet Title: LANDSCAPE PLAN  
Sheet Number: **L1.1**  
of 4 sheets



CLUSTER SHRUBS FOR LOW MAINTENANCE

CANOPY TREE FOR A FOCAL POINT  
WEeping Willow, Live Oak

CLUSTER TREES TO ALLOW MAINTENANCE EQUIPMENT ACCESSIBILITY

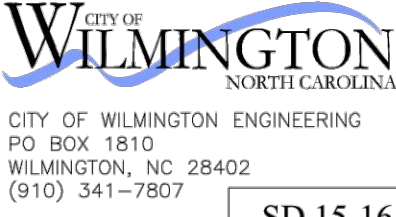
SEED OR SOD SIDESLOPES

LANDSCAPE STRIP VARIES ACCORDING TO SIZE OF POND SEE PART D & G OF CHAPTER VI

VEGETATION MUST BE EVENLY DISTRIBUTED AT APPROXIMATELY 100' INTERVALS AROUND POND

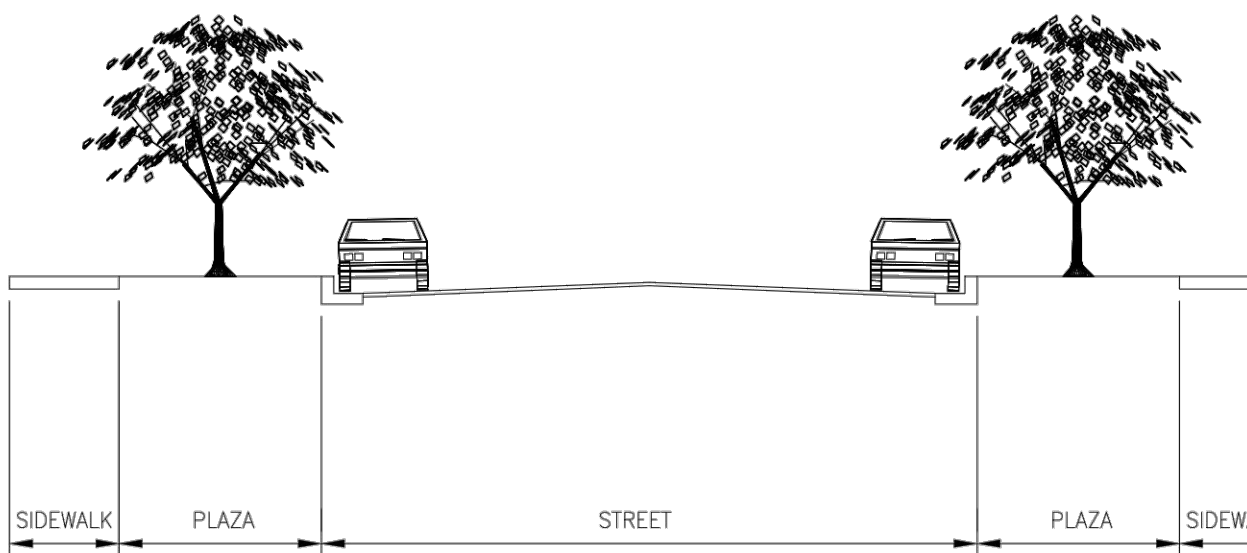
Notes:

- If possible, locate pond where vegetation exists.
- Suggest minimal clearing to conserve visual quality of site and minimize the additional of tree planting. An irregular shape provides a more natural appearance.
- Landscape strip shall be a maximum slope of 7:1 in order to plant vegetation.
- Provide a minimum of 3 inches of mulch around all vegetation.

DATE: JULY 2003	STANDARD DETAIL	 <p>CITY OF WILMINGTON ENGINEERING PO BOX 1810 WILMINGTON, NC 28402 (910) 341-7807</p>
DRAWN BY JSR	<b>TYPICAL STORM WATER FACILITY LANDSCAPING PLAN</b>	
CHECKED BY B.P., P.E.		
SCALE NOT TO SCALE		
	SD 15-16	

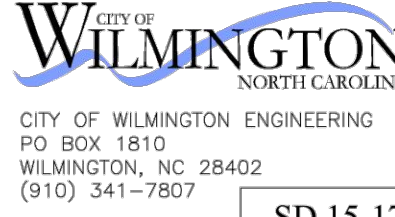
RESIDENTIAL STREET TREE STANDARDS

- Street trees shall be installed along residential streets after all driveways have been installed.
- The developer shall notify Landscape Designer prior to installation to ensure proper tree selection and spacing.
- Each tree shall be a minimum of two (2) caliper inches.
- Phasing of a project shall be permitted, however, Street Trees on the same block shall be planted at the same time to avoid size irregularities.
- Trees within the same block shall be the same species.



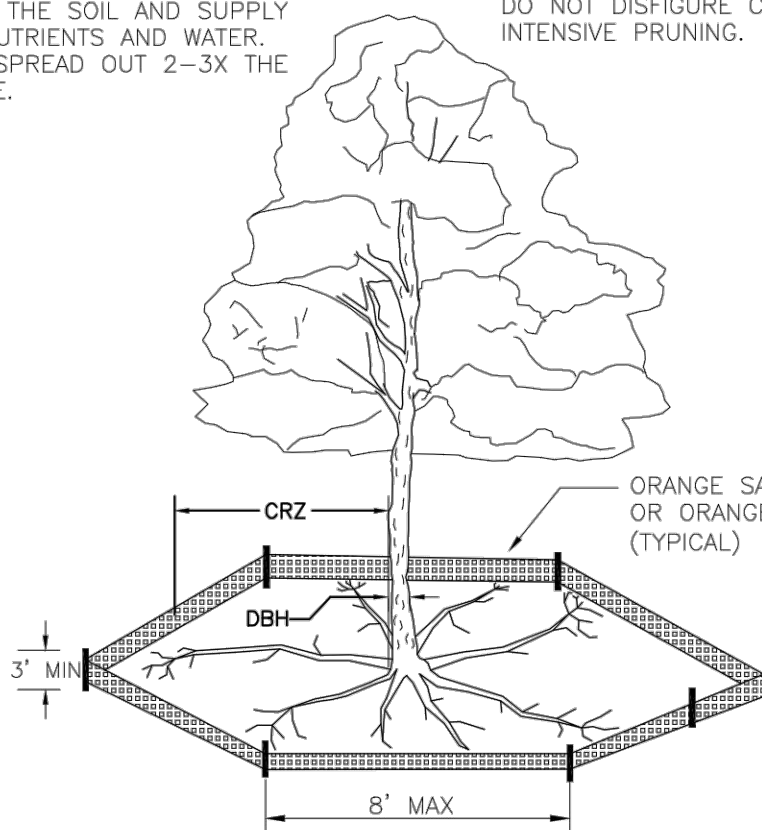
RECOMMENDED STREET TREE SPACING ACCORDING TO PLAZA WIDTHS

4'-6'	6'-8'	GREATER THAN 8'
ex. CREPE MYRTLE HOLLY	ex. JAPANESE MAPLE ZELKOVA	ex. DARLINGTON OAK RED MAPLE
25'-30' SPACING	35'-40' SPACING	50' SPACING

DATE: 2006	STANDARD DETAIL	 <p>CITY OF WILMINGTON ENGINEERING PO BOX 1810 WILMINGTON, NC 28402 (910) 341-7807</p>
DRAWN BY JSR	<b>RESIDENTIAL STREET TREE STANDARDS</b>	
CHECKED BY B.P., P.E.		
SCALE NOT TO SCALE		
	SD 15-17	

NOTE: THE CRITICAL ROOT ZONE (CRZ) OF A TREE IS WHERE THE MAJORITY OF A TREE'S ROOTS LAY. 85% OF MOST TREE ROOTS ARE FOUND IN THE TOP 24" OF THE SOIL AND SUPPLY THE MAJORITY OF NUTRIENTS AND WATER. GENERALLY, ROOTS SPREAD OUT 2-3X THE HEIGHT OF THE TREE.

NOTE: CROWN OF THE TREE IS NEEDED FOR LEAF GROWTH TO PRODUCE OXYGEN, FILTER THE AIR, REDUCE WIND AND SOFTEN NOISE. DO NOT DISFIGURE CROWN WITH INTENSIVE PRUNING.



CRZ

DBH

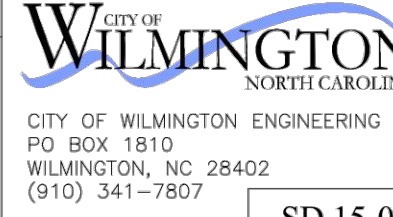
ORANGE SAFETY FENCE OR ORANGE SILT FENCE (TYPICAL)

8" MAX

3' MIN

NOTES:

- PROTECT CRITICAL ROOT ZONE (CRZ) OF TREES PRIOR TO CONSTRUCTION. CLEARLY MARK THE TREES AND ERECT A PROTECTIVE BARRIER AT THE CRZ. BARRIER SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.
- CRZ RADIUS IS 1 FT PER INCH OF TREE DIAMETER AT BREAST HEIGHT (DBH).
- IF CONSTRUCTION OCCURS WITHIN THE CRZ, AT LEAST 12" OF MULCH AND/OR LOGGING MATS SHALL BE PLACED WHERE MACHINERY MANEUVERS TO REDUCE SOIL COMPACTION IN THIS ZONE.
- WHERE SIDEWALKS AND PATHWAYS PASS WITHIN CRZ, EXTRA CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ROOTS. ALTERNATE CONSTRUCTION METHODS, SUCH AS A REINFORCED SIDEWALK, SHALL BE IMPLEMENTED AS NECESSARY.
- FOR ALL TREES, CUTTING OF LARGE STRUCTURAL ROOTS LOCATED NEAR THE BASE OF THE TRUNK IS PROHIBITED. DO NOT COMPACT SOIL BENEATH TREES. NO VEHICLE SHALL BE ALLOWED TO PARK UNDER TREES. NO MATERIALS OR EQUIPMENT SHALL BE STORED BENEATH TREES. DAMAGING THE BARK WITH LAWNMOWERS, CONSTRUCTION EQUIPMENT, OR ANYTHING ELSE IS PROHIBITED. CONTRACTOR SHALL REPAIR DAMAGE TO TREES.
- FAILING TO INSTALL OR MAINTAIN PROTECTION MEASURES SHALL RESULT IN A STOP WORK ORDER AND FINE OF \$500/DAY. DISTURBANCE OTHER THAN THAT ALLOWED ON THE APPROVED PLAN WILL REQUIRE OWNER TO POST A LETTER OF CREDIT FOR 3 YRS FOR TREE MITIGATION.

DATE: JAN 2015	STANDARD DETAIL	 <p>CITY OF WILMINGTON ENGINEERING PO BOX 1810 WILMINGTON, NC 28402 (910) 341-7807</p>
DRAWN BY JSR	<b>TREE PROTECTION DURING CONSTRUCTION</b>	
CHECKED BY RDG, P.E.		
SCALE NOT TO SCALE		
	SHEET 1 of 2 SD 15-09	

8" MAX.

VARIABLE AS DIRECTED BY THE ENGINEER

PLASTIC OR WIRE TIES

WARNING SIGN

TREE PROTECTION AREA DO NOT ENTER

ZONA PROTECTORA PARA LOS ARBOLES PROHIBIDO ENTRAR

GRADE

ORANGE, UV RESISTANT HIGH TENSILE STRENGTH POLY BARRICADE FABRIC (TYPICAL)

FRONT VIEW

STEEL POST

WARNING SIGN

ORANGE, UV RESISTANT HIGH TENSILE STRENGTH POLY BARRICADE FABRIC (TYPICAL)

3'-0"

2'-0"

40"

18"

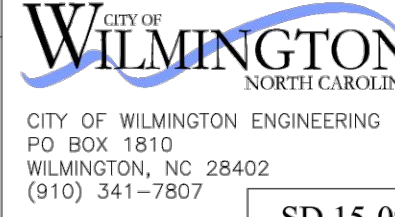
TREE PROTECTION AREA DO NOT ENTER

ZONA PROTECTORA PARA LOS ARBOLES PROHIBIDO ENTRAR

WARNING SIGN DETAIL

NOTES:

- THE TREE PROTECTION FENCING SHALL NOT BE VIOLATED FOR THE ENTIRE DURATION OF THE PROJECT WITHOUT APPROVAL FROM URBAN FORESTRY STAFF.
- WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL. LETTERS TO BE 3" HIGH, MINIMUM, CLEARLY LEGIBLE AND SPACED AS DETAILED.
- SIGNS SHALL BE PLACED AT 50' MAXIMUM INTERVALS. PLACE A SIGN AT EACH END OF LINEAR TREE PROTECTION AND 50' ON CENTER THEREAFTER. FOR TREE PROTECTION AREAS LESS THAN 100' IN PERIMETER, PROVIDE NO LESS THAN TWO SIGNS PER PROTECTION AREA.
- ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC. MAINTAIN TREE PROTECTION FENCE AND SIGNS THROUGHOUT DURATION OF PROJECT.
- TREE PROTECTION FENCING AND SIGNAGE SHALL BE REMOVED AFTER CONSTRUCTION.
- ADDITIONAL SIGNS MAY BE REQUIRED BY CITY OF WILMINGTON, BASED ON ACTUAL FIELD CONDITIONS.

DATE: JAN 2015	STANDARD DETAIL	 <p>CITY OF WILMINGTON ENGINEERING PO BOX 1810 WILMINGTON, NC 28402 (910) 341-7807</p>
DRAWN BY JSR	<b>TREE PROTECTION DURING CONSTRUCTION</b>	
CHECKED BY RDG, P.E.		
SCALE NOT TO SCALE		
	SHEET 2 of 2 SD 15-09	

NO. 508 FITTER WELDED TO POST

FINAL SAME FINISH AS POST

ABS0 (LEXAN) 16 1/2" X 27" TYPE III REFRACTOR 1/4" WALL

150 WATT 115 VOLT (HPS) BALLAST HOUSING IN HEAD OF POST

(1) 120V-20A DUPLEX RECEPTACLE ON HEAD OF POST

4" DIA. .125 WALL 6061-T6 STRUCTURAL GRADE ALUMINUM 4212 FP BLACK FINISH

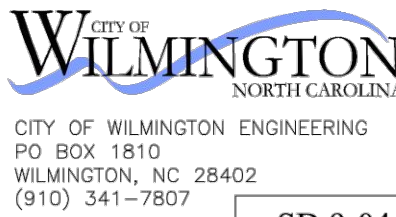
1/4" WALL ACCESS DOOR 3/4" THICK BASE WITH 4 ANCHOR BOLTS BOLT SIZE PER MAN. SPEC. (GALV.)

12'-0"

20"

17"

MANUFACTURED BY STERNBERG LANTERNS PROVIDED BY THE CITY OF WILMINGTON

DATE: 2001	STANDARD DETAIL	 <p>CITY OF WILMINGTON ENGINEERING PO BOX 1810 WILMINGTON, NC 28402 (910) 341-7807</p>
DRAWN BY JSR, CMR	<b>TYPICAL STREET LAMP</b>	
CHECKED BY B.P., P.E.		
SCALE NOT TO SCALE		
	SD 9-04	

NOTE: PRIMARY CONDUCTORS & CONDUIT TO BE SIZED BY ELECTRICIAN

# 12 CONDUCTORS BUSS # 11EB/K/J FUSE HOLDER WITH 5 AMP FUSE

3/4" CHAMFER

SIDEWALK

CIRCUIT TO AND FROM ADJACENT POLE OR SOURCE

# 12 JUMPER TO ROD

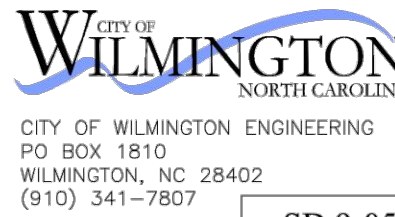
STUB OUT FOR FUTURE USE

CIRCUIT TO AND FROM ADJACENT POLE OR SOURCE

CONCRETE BASE AND ANCHOR BOLTS AS RECOMMENDED BY MANUFACTURER (24" DIA X 48" DEEP MIN)

5/8" DIA. X 8' GROUND ROD

NOTE: CAP ALL CONDUCTORS WITH SILICONE SEALANT FILLED WIRE ENDS. LEAVE 24" MIN CONDUCTOR TAILS AT EACH BASE

DATE: 2001	STANDARD DETAIL	 <p>CITY OF WILMINGTON ENGINEERING PO BOX 1810 WILMINGTON, NC 28402 (910) 341-7807</p>
DRAWN BY JSR, CMR	<b>TYPICAL STREET BASE AND ELECTRIC DETAIL</b>	
CHECKED BY B.P., P.E.		
SCALE NOT TO SCALE		
	SD 9-05	

EDGE OF PLANTING AREA

3/8" D

LEGEND

- GROUND COVER OR SHRUB PLANTING LOCATION

NOTE: - D - AS NOTED ON PLANTING SCHEDULE

1 TYPICAL PLANTING SPACING

PREVAILING WIND

SECTION VIEW N.T.S.

LEGEND

- 24" CORDED BLACK RUBBER TREE TIE. LOOP AT TRUNK AND NAIL TO STAKE
- 2 1/2" DIA. x 12' LONG TREATED LODGEPOLE PINE STAKE
- 3" LAYER OF MULCH
- ROOT BALL
- 3" WATER BASIN
- FINISH GRADE
- FERTILIZER TABLET
- TOPSOIL & NATIVE BACKFILL MIXTURE
- NATIVE SUBGRADE

NOTES:

- SCARIFY ROOT BALLS OF PLANTS WITH CIRCLING ROOTS.
- HEAVILY ROOT BOUND SHRUBS WILL NOT BE ACCEPTED

LEGEND

- SHRUB
- 3" LAYER OF MULCH
- 3" WATER BASIN
- FINISH GRADE
- TOPSOIL & NATIVE BACKFILL MIXTURE
- SCARIFY EDGE OF PIT
- FERTILIZER TABLETS - REFER TO SCHEDULE FOR QUANTITY
- ROOT BALL
- NATIVE SUBGRADE

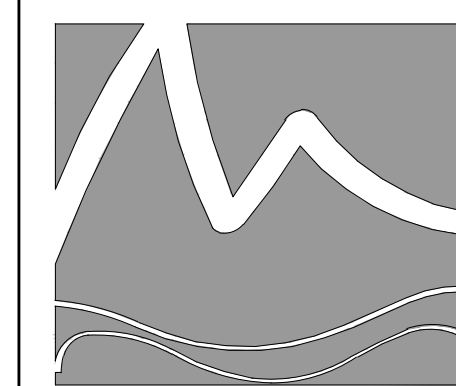
NOTES:

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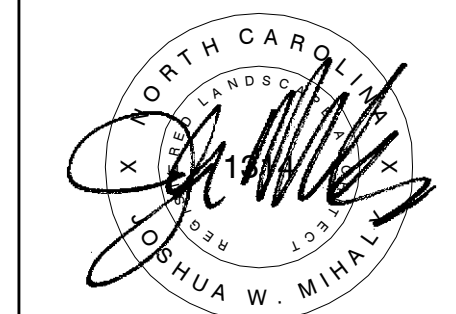
2 TYPICAL SHRUB PLANTING

1 1/2" x ROOT BALL DEPTH

2 x ROOT BALL DIAMETER



MIHALY  
LAND DESIGN  
PLANNING - LANDSCAPE ARCHITECTURE  
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**ECHO FARMS, LLC**  
c/o MATRIX DEVELOPMENT GROUP  
CN 4000 FORSGATE DRIVE  
CRANBURY, NJ 08512

PROJECT  
**TRACT 2 - WOODLANDS @ ECHO FARMS**  
4114 ECHO FARMS BLVD.  
WILMINGTON, NC 28412  
LANDSCAPE PLAN

CONSTRUCTION DOCUMENT REVIEW SET

Date: 1/26/2018  
Phase:  
Job Number: 810-01

Designed by: MLD  
Drawn by: MAS  
Checked by: JWM

Sheet Title:  
**DETAILS**

Sheet Number:  
**L2.0**  
of 4 sheets