

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



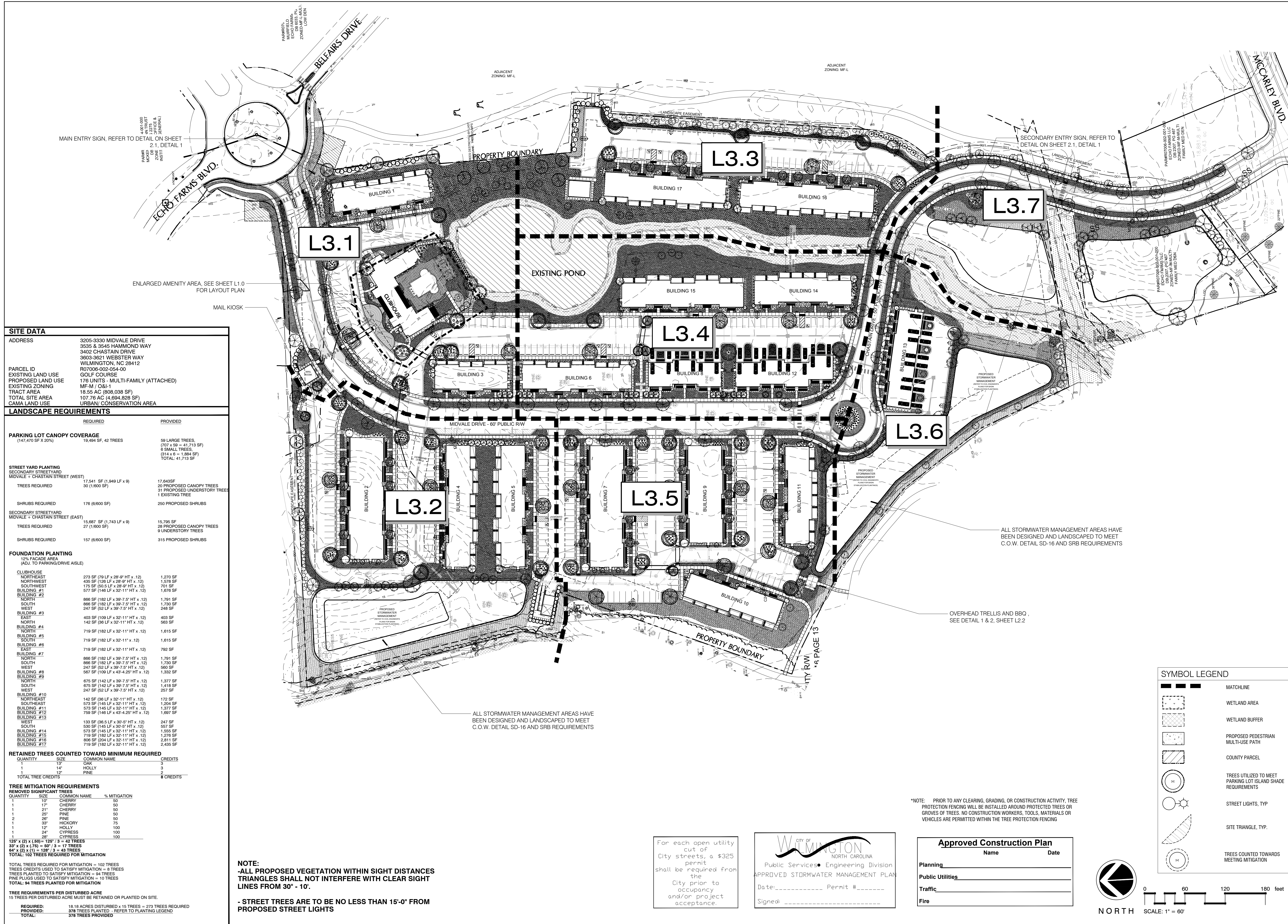
Revisions
2019-02-21: VE PLANTING REVISIONS
2019-05-13: COW COMMENTS
2019-06-04: COW COMMENTS
2019-06-10: COW COMMENTS
2019-06-18: REVISE PER COW
2019-06-20: Revise per Health Dept.
2020-01-08: Revise Buffer Areas
2020-01-13: Revise Pool Pavillon

CLIENT
WOODLANDS LANDING
3200 MIDVALE DRIVE
WILMINGTON, NC 28412

PROJECT
TRACT 3A - WOODLANDS LANDING
4114 ECHO FARMS BLVD.
WILMINGTON, NC 28412
LANDSCAPE PLAN

Date: 12/14/2018
Phase:
Job Number: 810-03
Designed by: MLD
Drawn by: MAS
Checked by: JWM
Sheet Title:
OVERALL
PLANTING PLAN
Sheet Number:

L3.0
of 13 sheets



SITE DATA

ADDRESS	3205-3330 MIDVALE DRIVE 3535 & 3545 HAMMOND WAY 3402 CHASTAIN DRIVE 3603-3621 WEBSTER WAY WILMINGTON, NC 28412
PARCEL ID	R07006-002-054-00
EXISTING LAND USE	GOLF COURSE
PROPOSED LAND USE	176 UNITS - MULTI-FAMILY (ATTACHED)
EXISTING ZONING	MF-M / O&I-1
TRACT AREA	18.55 AC (808,038 SF)
TOTAL SITE AREA	107.76 AC (4,694,828 SF)
CAMA LAND USE	URBAN/ CONSERVATION AREA

LANDSCAPE REQUIREMENTS

REQUIRED	PROVIDED
PARKING LOT CANOPY COVERAGE (147,470 SF x 20%)	59 LARGE TREES, (707 x 59 = 41,713 SF) 6 SMALL TREES, (214 x 6 = 1,884 SF) TOTAL: 41,713 SF

STREET YARD PLANTING	PROVIDED
SECONDARY STREET YARD MIDVALE + CHASTAIN STREET (WEST)	17,541 SF (1,049 LF x 9) 30 (1/600 SF)
TREES REQUIRED	20 PROPOSED CANOPY TREES 31 PROPOSED UNDERSTORY TREES 1 EXISTING TREE
SHRUBS REQUIRED	250 PROPOSED SHRUBS

SECONDARY STREET YARD	PROVIDED
MIDVALE + CHASTAIN STREET (EAST)	15,687 SF (1,743 LF x 9) 27 (1/600 SF)
TREES REQUIRED	28 PROPOSED CANOPY TREES 9 UNDERSTORY TREES
SHRUBS REQUIRED	315 PROPOSED SHRUBS

FOUNDATION PLANTING	PROVIDED
12% FACADE AREA (ADJ. TO PARKING/DRIVE AISLE)	15,795 SF
TREES REQUIRED	28 PROPOSED CANOPY TREES 9 UNDERSTORY TREES
SHRUBS REQUIRED	315 PROPOSED SHRUBS

CLUBHOUSE	PROVIDED
NORTHEAST	1,270 SF
NORTHWEST	1,578 SF
SOUTHWEST	701 SF
BUILDING #1	1,076 SF
BUILDING #2	1,791 SF
NORTH	1,730 SF
SOUTH	248 SF
BUILDING #3	1,730 SF
EAST	403 SF
NORTH	563 SF
BUILDING #4	1,615 SF
NORTH	1,615 SF
BUILDING #5	1,615 SF
SOUTH	1,615 SF
BUILDING #6	792 SF
EAST	1,791 SF
BUILDING #7	1,791 SF
NORTH	1,730 SF
SOUTH	960 SF
BUILDING #8	1,332 SF
WEST	1,332 SF
BUILDING #9	1,377 SF
NORTH	1,418 SF
SOUTH	257 SF
BUILDING #10	1,72 SF
NORTHEAST	1,204 SF
SOUTHEAST	1,377 SF
BUILDING #11	1,377 SF
BUILDING #12	1,697 SF
BUILDING #13	247 SF
WEST	597 SF
SOUTH	597 SF
BUILDING #14	1,555 SF
BUILDING #15	1,276 SF
BUILDING #16	2,811 SF
BUILDING #17	2,435 SF

QUANTITY	SIZE	COMMON NAME	CREDITS
1	12"	OAK	3
1	14"	HOLLY	3
1	12"	PINE	3
TOTAL TREE CREDITS			9 CREDITS

QUANTITY	SIZE	COMMON NAME	% MITIGATION
1	12"	CHERRY	50
1	17"	CHERRY	50
1	21"	CHERRY	50
1	25"	PINE	50
2	28"	PINE	50
1	33"	HICKORY	75
1	12"	HOLLY	100
1	24"	CYPRESS	100
1	28"	CYPRESS	100

TREE MITIGATION REQUIREMENTS
REMOVED SIGNIFICANT TREES
TOTAL TREES REQUIRED FOR MITIGATION = 102 TREES
TREES CREDITS USED TO SATISFY MITIGATION = 9 TREES
TREES PLANTED TO SATISFY MITIGATION = 94 TREES
PINE PLUGS USED TO SATISFY MITIGATION = 10 TREES
TOTAL: 94 TREES PLANTED FOR MITIGATION

TREE REQUIREMENTS PER DISTURBED ACRE
15 TREES PER DISTURBED ACRE MUST BE RETAINED OR PLANTED ON SITE.

REQUIRED:	18.16 ACRES DISTURBED x 15 TREES = 272 TREES REQUIRED
PROVIDED:	378 TREES PLANTED - REFER TO PLANTING LEGEND
TOTAL:	378 TREES PROVIDED

NOTE:
- ALL PROPOSED VEGETATION WITHIN SIGHT DISTANCES TRIANGLES SHALL NOT INTERFERE WITH CLEAR SIGHT LINES FROM 30' - 10'.
- STREET TREES ARE TO BE NO LESS THAN 15'-0" FROM PROPOSED STREET LIGHTS

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

CITY OF WILMINGTON
NORTH CAROLINA
Public Services Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN

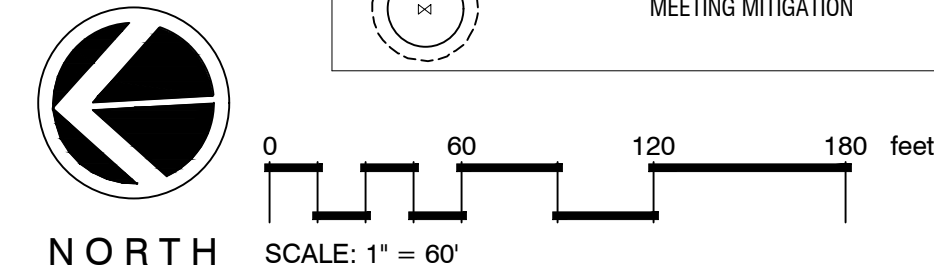
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

Name	Date
Planning	_____
Public Utilities	_____
Traffic	_____
Fire	_____

SYMBOL LEGEND

- MATCHLINE
- WETLAND AREA
- WETLAND BUFFER
- PROPOSED PEDESTRIAN MULTI-USE PATH
- COUNTY PARCEL
- TREES UTILIZED TO MEET PARKING LOT ISLAND SHADE REQUIREMENTS
- STREET LIGHTS, TYP
- SITE TRIANGLE, TYP
- TREES COUNTED TOWARDS MEETING MITIGATION

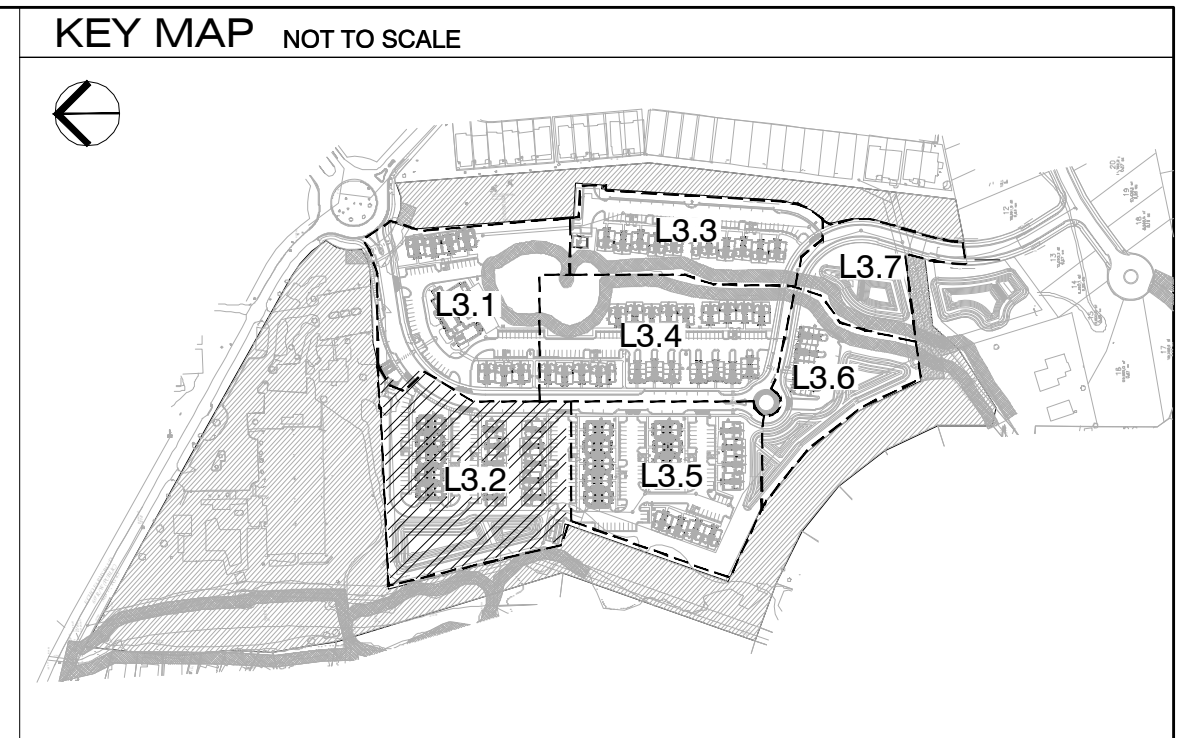
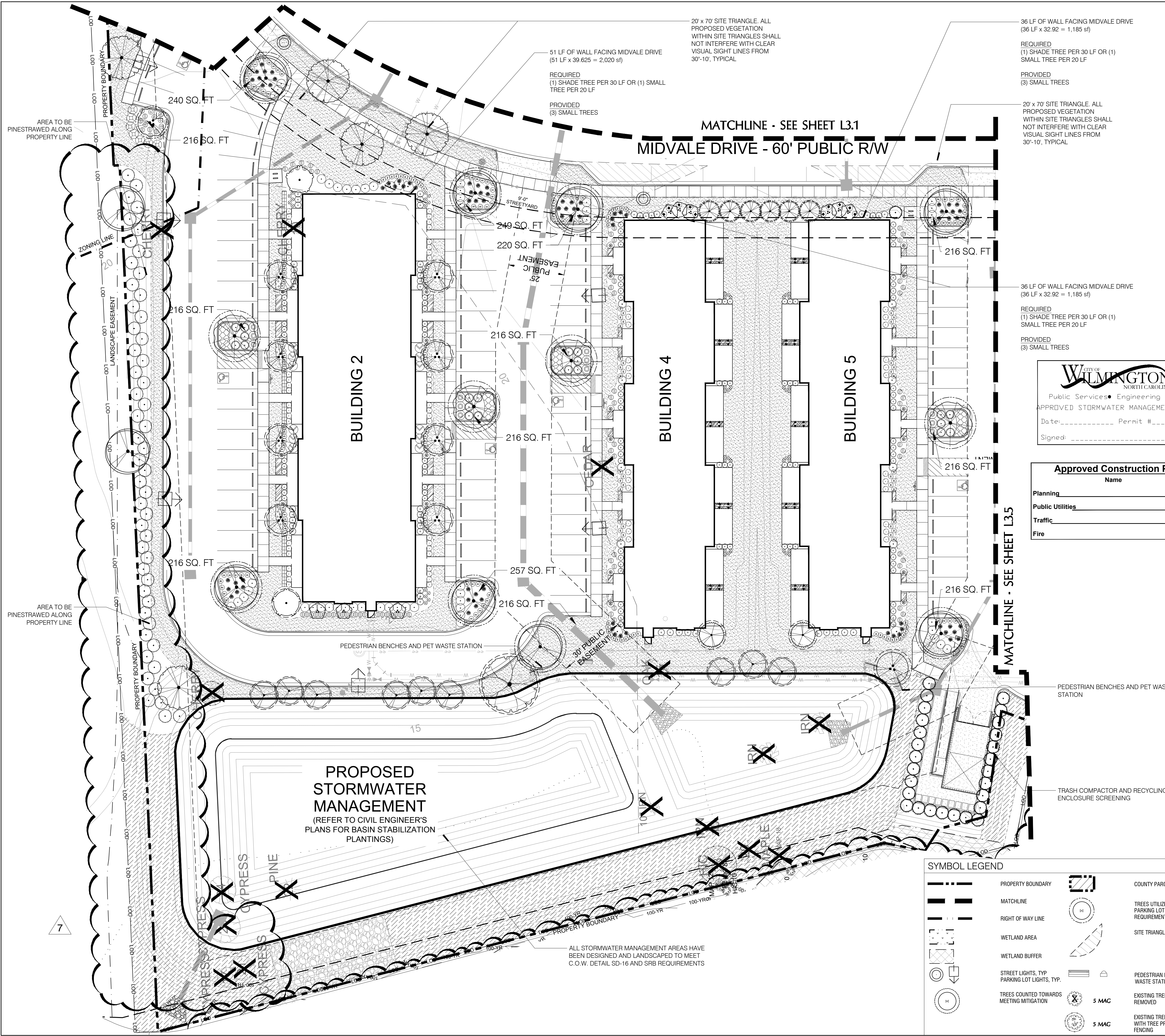


*NOTE: PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING WILL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN THE TREE PROTECTION FENCING

ALL STORMWATER MANAGEMENT AREAS HAVE BEEN DESIGNED AND LANDSCAPED TO MEET C.O.W. DETAIL SD-16 AND SRB REQUIREMENTS

OVERHEAD TRELLIS AND BBQ, SEE DETAIL 1 & 2, SHEET L2.2

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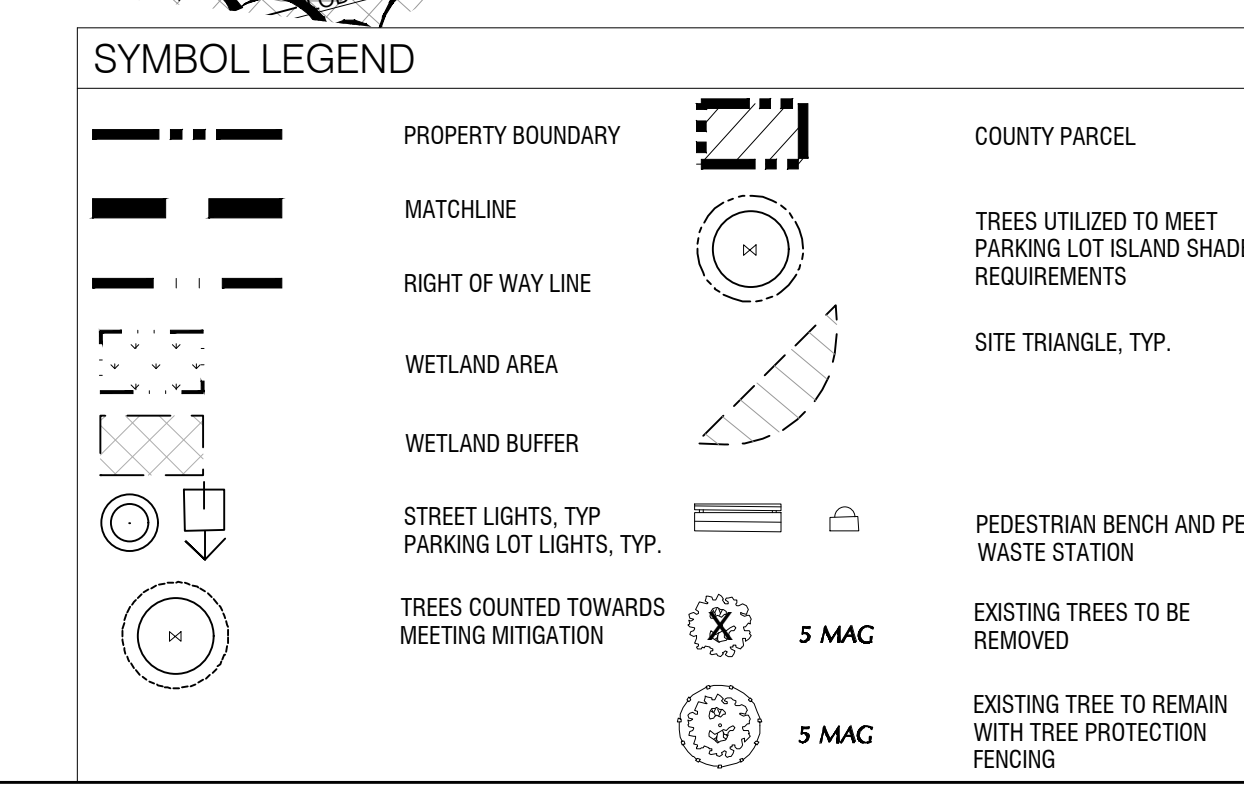
PLANT SCHEDULE 3.2

TREES	BOTANICAL / COMMON NAME	CONT	GAL	RANGE	QTY
⊙	Betula nigra / River Birch / Duraheat	8.8 B	10-12'	HT	1
⊙	Cercis c. Forest Pansy TM / Forest Pansy Redbud	25 GAL	5-8'	HT	9
⊙	Corymbium japonica / Japanese Cedar	8.8 B	2'	CAL	2
⊙	Ilex opaca / American Holly	8.8 B	2'	CAL	6
⊙	Ilex x. May Nell / May Nell Holly	8.8 B	5'	HT	1
⊙	Lagerstromia s. Pink Veilour / Pink Veilour Grape Myrtle	25 GAL	1-1.5'	CAL	9
⊙	Lagerstromia s. Natchez / Natchez Grape Myrtle	8.8 B	2'	CAL	9
⊙	Magnolia s. D.D. Blanchard TM / Southern Magnolia	8.8 B	2'	CAL	2
⊙	Quercus rubra / Nuttall Oak	8.8 B	2'	CAL	5
⊙	Quercus phellos / Willow Oak	8.8 B	2'	CAL	4
⊙	Quercus virginiana / Southern Live Oak	8.8 B	2'	CAL	10
⊙	Salix babingtonia / Weeping Willow	8.8 B	2.5-3'	CAL	1
⊙	Thuja s. Emerald Green / Emerald Green Arborvitae	25 GAL	6'	HT	27
SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
⊙	Asplen. l. Formosa / Formosa Asplen.	3 gal	18-24'	HT	20
⊙	Baccharis m. Wintergreen / Bowwood	3 gal	18-24'	HT	72
⊙	Camellia s. Chansonette / Camellia	3 gal	18-24'	HT	20
⊙	Camellia s. Hana Jiman / White Camellia	7 gal	24-30'	HT	12
⊙	Cleyera japonica / Cleyera	7 gal	24-30'	HT	12
⊙	Corydalis myosotis / Constance Girl / Corydalis	3 gal	15-24'	HT	10
⊙	Ilex vomitoria / Tree Fern Yucca Holly	8.8 B	7-8'	HT	6
⊙	Ilex vomitoria / Nana / Dwarf Yucca	3 gal	18-24'	HT	220
⊙	Ligustrum j. Rectum / Wax leaf Ligustrum	7 gal	30'	HT	53
⊙	Longistemon c. Ruby / Ruby Longistemon	3 gal	18-24'	HT	7
⊙	Miscanthus s. Adagio / Adagio Salsola Grass	3 gal	18-24'	HT	77
⊙	Muhlenbergia capillaris / Pink Muntz	3 gal	18-24'	HT	79
⊙	Myrica cerifera / Wax Myrtle	7 gal	30'	HT	52
⊙	Osmunda fragrans / Sweet Olive	25 gal	5-6'	HT	8
⊙	Pithecolobium t. Variegata / Variegated Pithecolobium	7 gal	24-30'	HT	49
⊙	Podocarpus macrophyllus male / Shrubby Yew	3 gal	24-30'	HT	96
⊙	Rosa 'Drift' White / White Drift Roses	3 gal	12-12'	HT	7
⊙	Ruellia brittanica / Purple Showers / Shrub Mexican Petunia	3 gal	18-24'	HT	47
⊙	Tachibagomum s. Confidante / Confidante Jasmine	3 gal	18-24'	HT	40
GROUND COVERS	BOTANICAL / COMMON NAME	SIZE	RANGE	SPACING	QTY
⊙	Liriope gigantea / Giant Liriope	1 GAL	12-18"	HT	18" o.c. 241
⊙	Liriope m. Variegata / Variegated Lily Turf	1 GAL	6-12"	HT	18" o.c. 48
⊙	Liriope muscari / Lily Turf	1 GAL	6-12"	HT	18" o.c. 40
⊙	Tachibagomum s. Azalea / Azalea Jasmine	1 ft	6-12"	HT	12" o.c. 239
SOIL SEEDS	BOTANICAL / COMMON NAME	SIZE	RANGE	SPACING	QTY
⊙	Eriogonum ophioides / Gentelope Sod	8.8 B			
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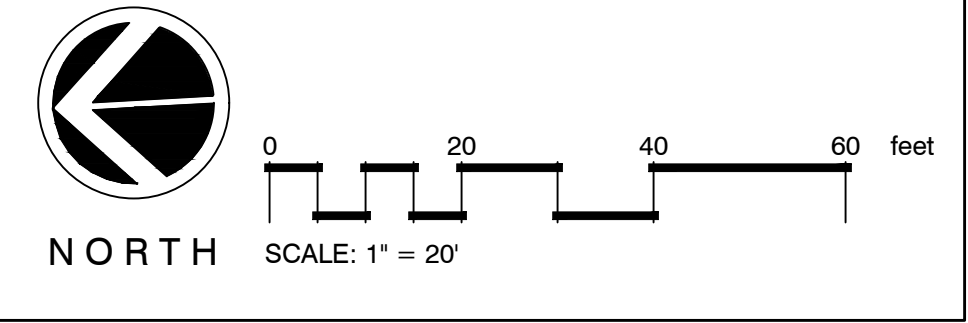
CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

Name	Date
Planning	
Public Utilities	
Traffic	
Fire	



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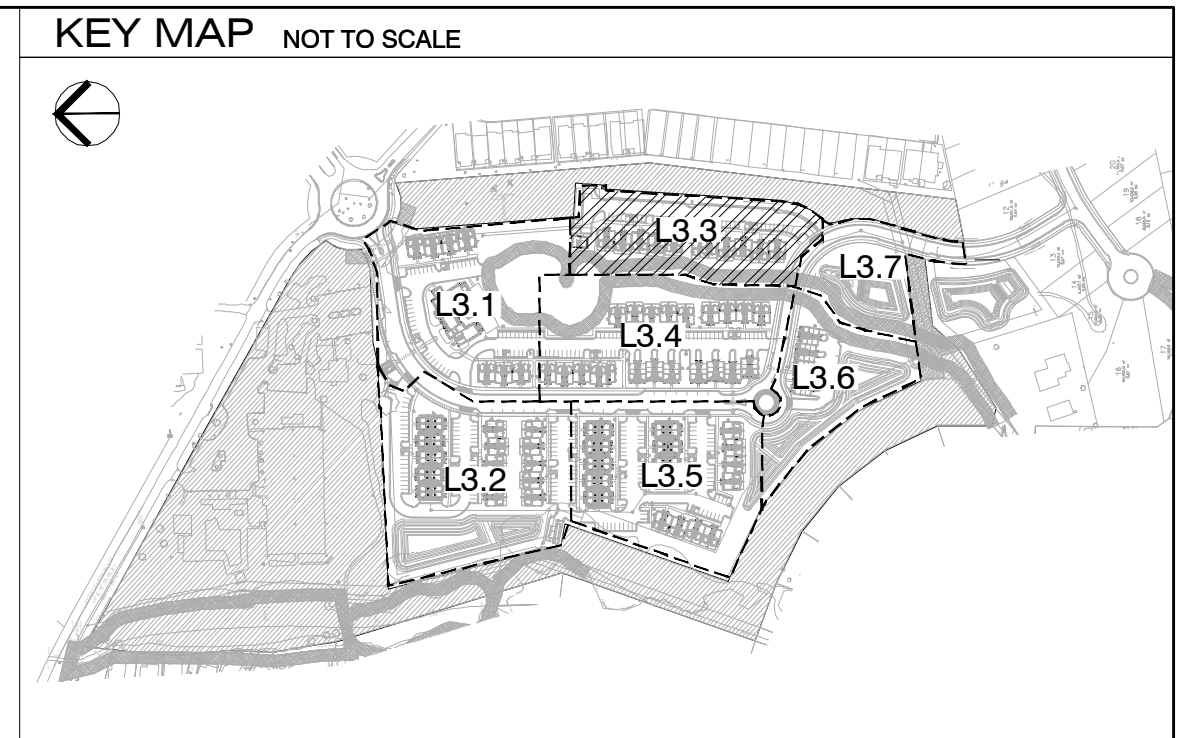
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LANDSCAPE PLAN

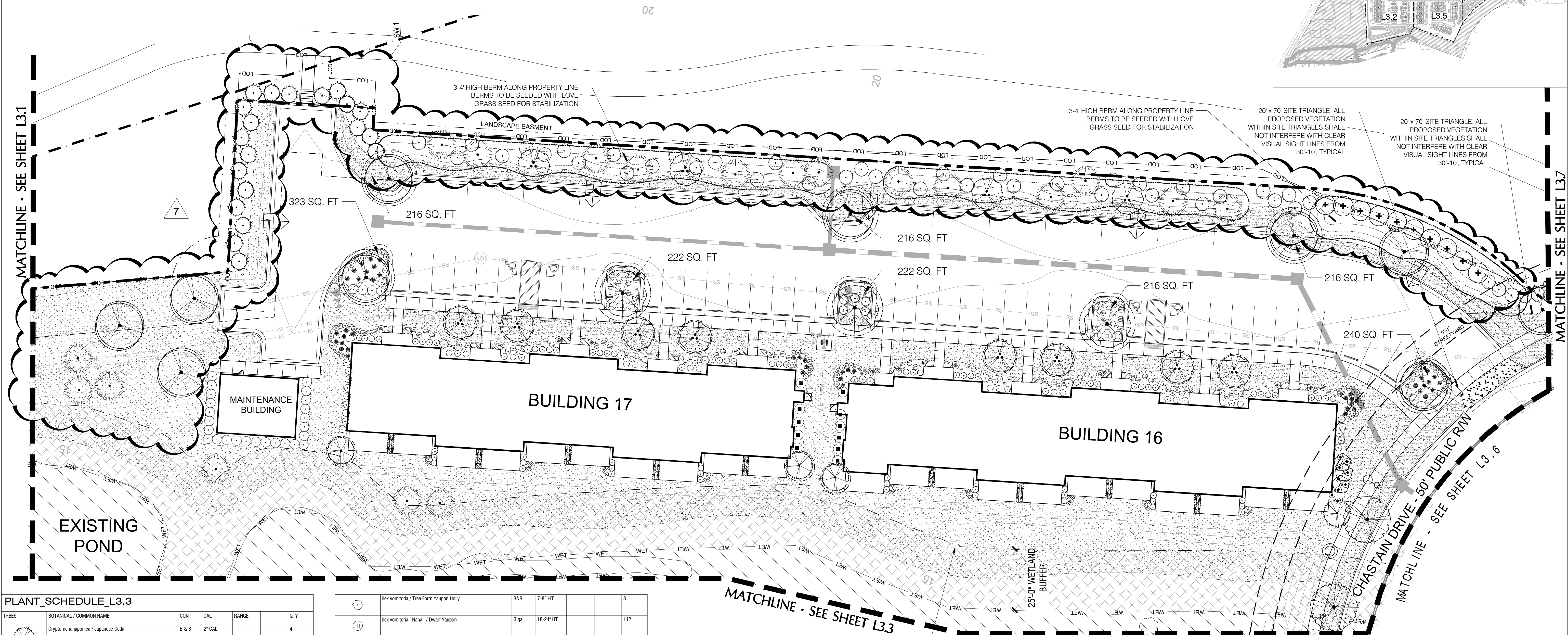
Date: 12/14/2018
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Drawn by: MAS
Checked by: JWM

Sheet Title: PLANTING PLAN

Sheet Number: **L3.2**
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PLANT_SCHEDULE_L3.3

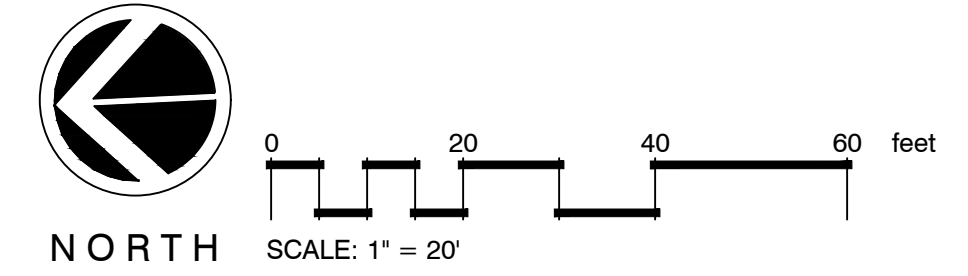
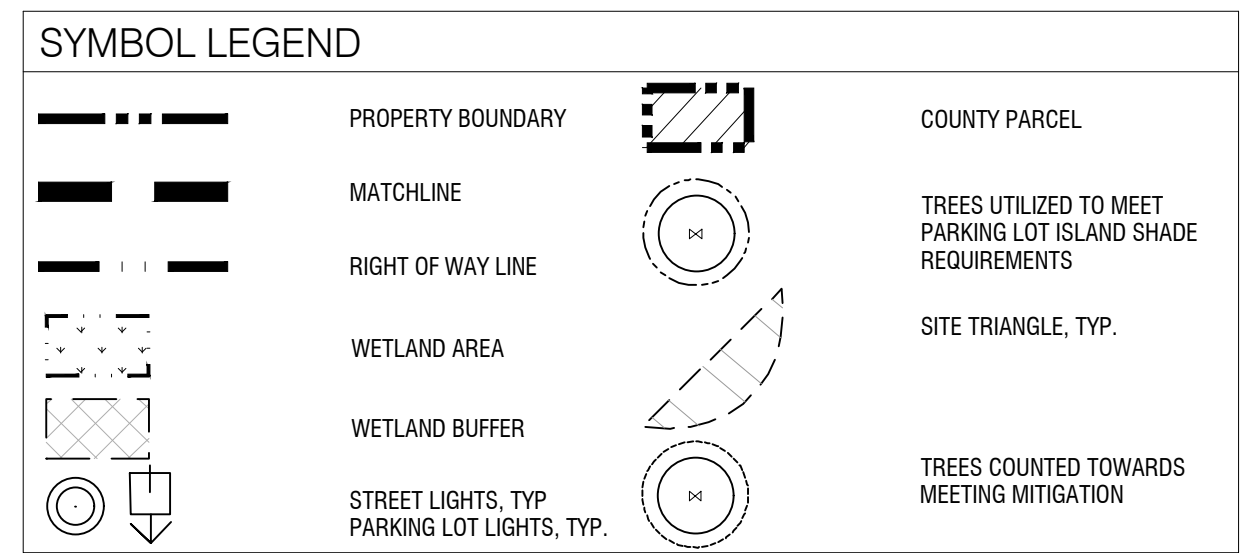
TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Cryptomeria japonica / Japanese Cedar	B & B	2" CAL		4
	Juniperus virginiana / Eastern Red Cedar	B & B	2" CAL	10' HT	10
	Lagerstroemia l. 'Pink Velour' / Pink Velour Crape Myrtle	25 GAL	1-1.5" CAL	6-7' HT.	3
	Lagerstroemia x 'Natchez' / Natchez Crape Myrtle	B & B	2" CAL		12
	Pinus taeda / Loblolly Pine	-		8-10' HT	24
	Quercus nuttallii / Nuttall Oak	B & B	3" CAL		2
	Quercus phellos / Willow Oak	B & B	3" CAL		3
	Quercus virginiana / Southern Live Oak	B & B	3" CAL		10
	Thega 'Green Giant' / Green Giant Arborvitae	15 GAL	5-6" HT		20
SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
	Azalea l. 'Formosa' / Formosa Azalea	3 gal	18-24" HT	5	
	Buxus m. 'Wintergreen' / Boxwood	3 gal	18-24" HT	24	
	Camellia s. 'Chansonette' / Camellia	3 gal	18-24" HT	12	
	Camellia s. 'Hana Jiman' / White Camellia	7 gal	24-30" HT	3	
	Distylium myricoides 'Cinnamon Girl' / Distylium	3 gal	15-24" HL	9	

	Ilex vomitoria / Tree Form Yaupon Holly	B&B	7-8' HT		8
	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 gal	18-24" HT		112
	Juniperus chinensis 'Spartan' / Spartan Juniper	15 gal	4-5' HT		8
	Ligustrum l. 'Recurvifolium' / Wax leaf ligustrum	7 gal	36" HT		34
	Loropetalum c. 'Ruby' / Ruby Loropetalum	3 gal	18-24" HT		6
	Miscanthus s. 'Adagio' / Adagio Eulalia Grass	3 gal	18-24" HT		60
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT		47
	Myrica cerifera / Wax Myrtle	7 gal	36" HT		46
	Nandina domestica / Heavenly Bamboo	3 gal	24-30" HT		11
	Pittosporum l. 'Variegata' / Variegated Pittosporum	7 gal	24-30" HT		17
	Podocarpus macrophyllus makii / Shrubby Yew	3 gal	24-30" HT		75
	Rosa 'Drift' White / White Drift Roses	3 gal	12-15" HT		10
	Ruellia brittoniana 'Purple Showers' / Sterile Mexican Petunia	3 gal	18-24" HT		47
	Trachelospermum l. 'Confederate' / Confederate Jasmine	3 gal	18-24" HT		40
GROUND COVERS	BOTANICAL / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Liriope gigantea / Giant Liriope	1 GAL	12-18" HT	18" o.c.	172
	Trachelospermum a. 'Asiatic' / Asiatic Jasmine	1 qt	6-12" HT	12" o.c.	64
SOD SEED	BOTANICAL / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Eriochloa ophiuroides / Centipede Sod	sod			3,951 sf

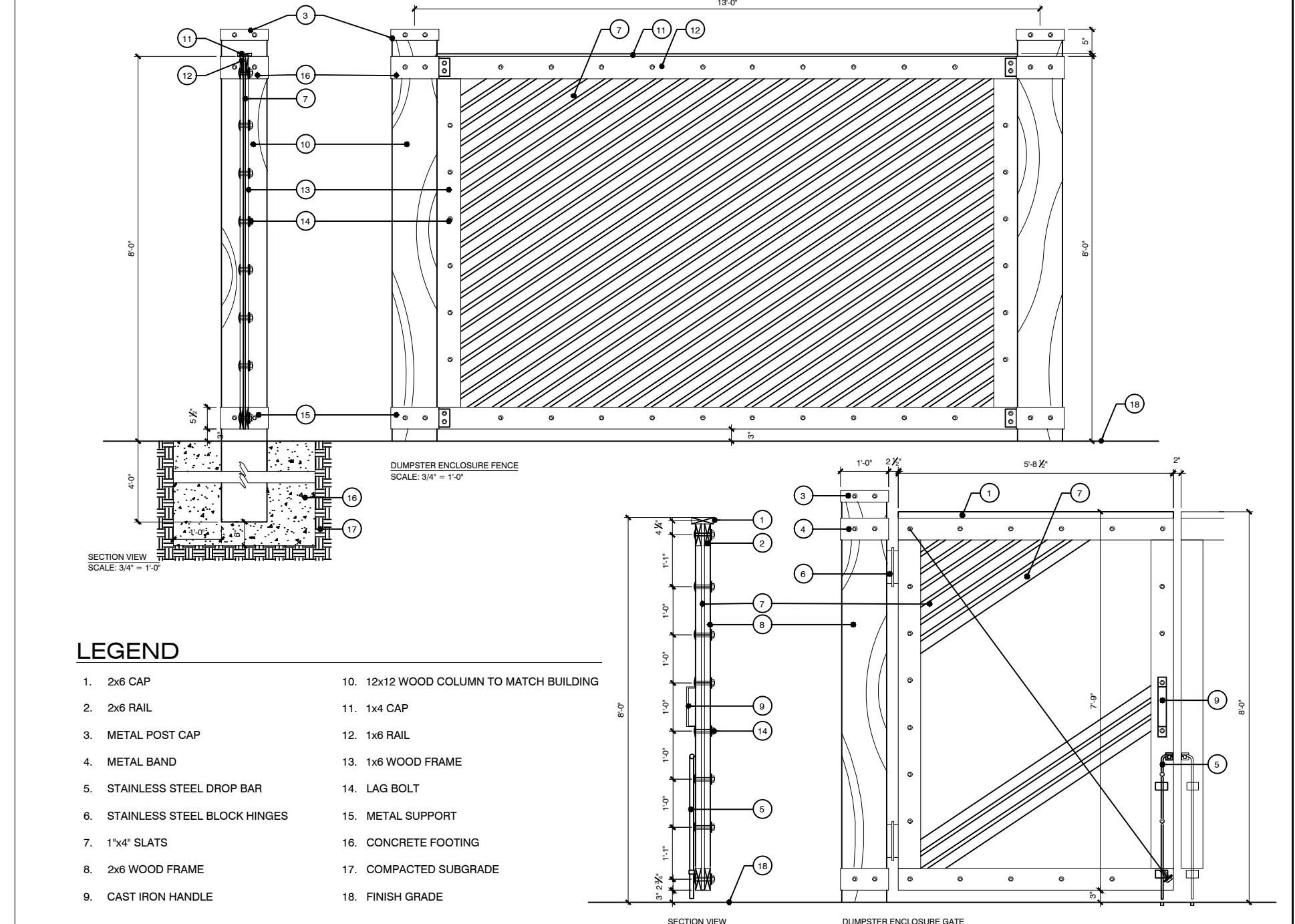
MATCHLINE - SEE SHEET L3.3

LIMITS OF SOD INTO BUFFER AREA IS APPROXIMATE. FINAL LAYOUT OF SOD AROUND PONDS AND WETLAND BUFFER TO BE LOCATED IN FIELD BY LANDSCAPE ARCHITECT DUE TO SITE DISTURBANCE.

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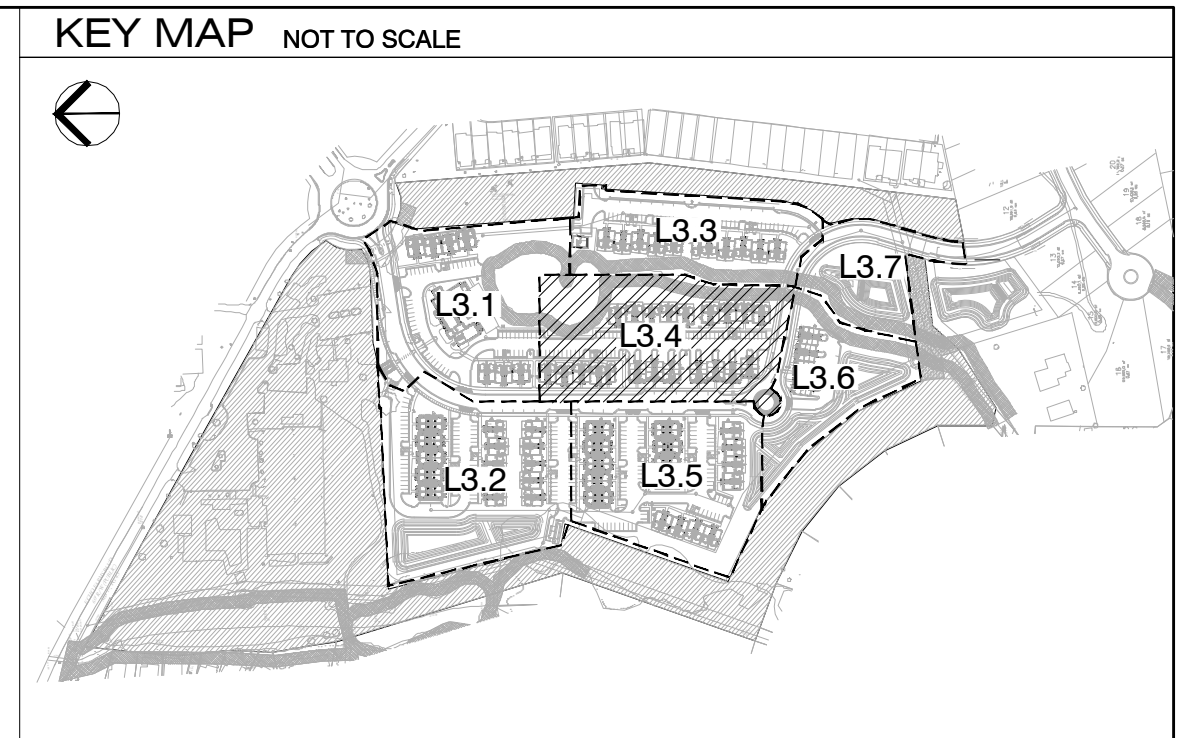
DUMPSTER ENCLOSURE DETAIL



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 WILMINGTON, NC 28412
 LANDSCAPE PLAN

CLIENT
WOODLANDS LANDING, LLC
 3200 MIDVALE DRIVE
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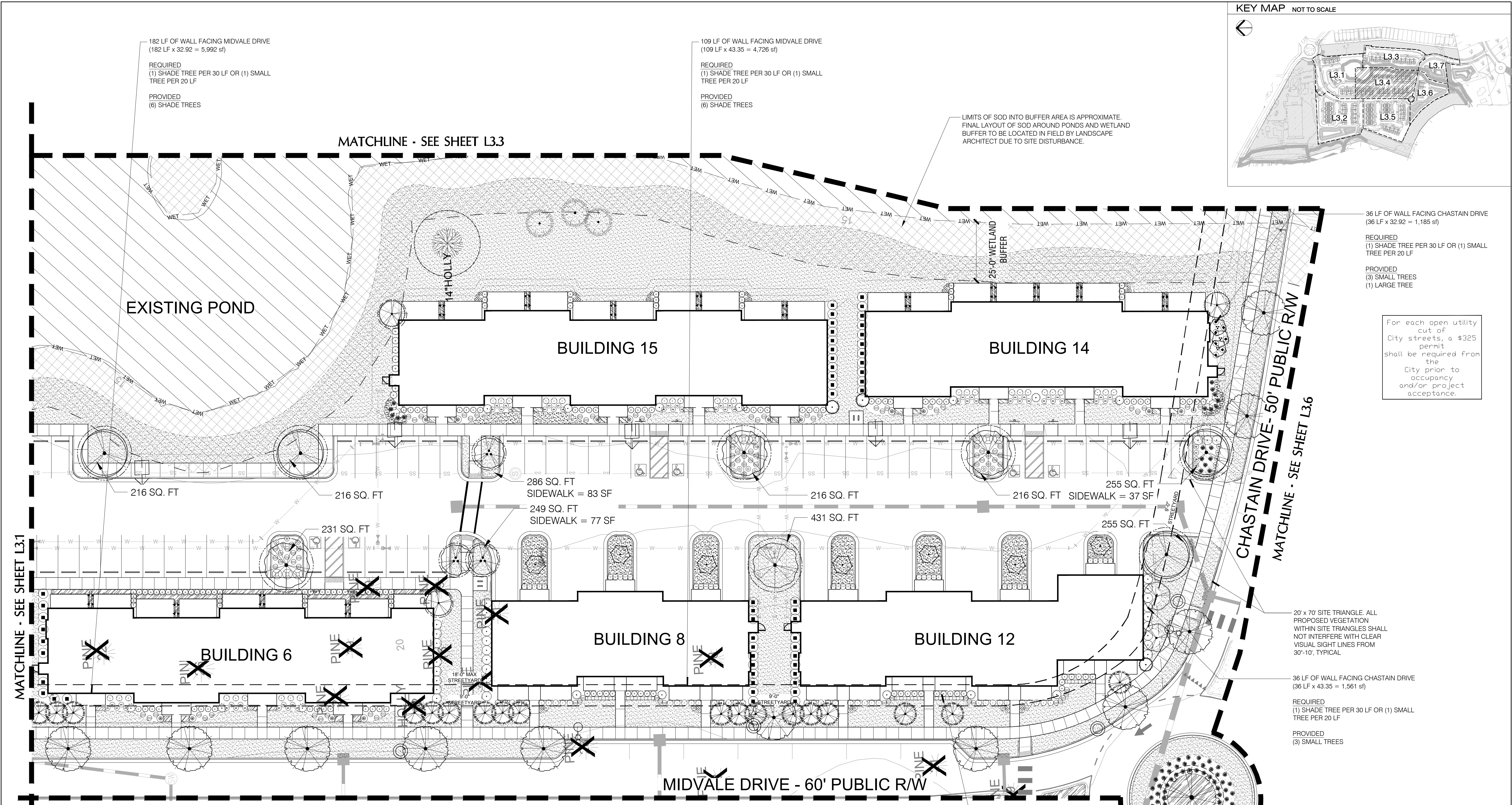


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Sheet Number: **L3.4**
of 13 sheets



182 LF OF WALL FACING MIDVALE DRIVE
(182 LF x 32.92 = 5,992 sf)
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
PROVIDED
(6) SHADE TREES

109 LF OF WALL FACING MIDVALE DRIVE
(109 LF x 43.35 = 4,726 sf)
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
PROVIDED
(6) SHADE TREES

LIMITS OF SOD INTO BUFFER AREA IS APPROXIMATE. FINAL LAYOUT OF SOD AROUND PONDS AND WETLAND BUFFER TO BE LOCATED IN FIELD BY LANDSCAPE ARCHITECT DUE TO SITE DISTURBANCE.

36 LF OF WALL FACING CHASTAIN DRIVE
(36 LF x 32.92 = 1,185 sf)
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
PROVIDED
(3) SMALL TREES
(1) LARGE TREE

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20' x 70' SITE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SITE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10', TYPICAL

36 LF OF WALL FACING CHASTAIN DRIVE
(36 LF x 43.35 = 1,561 sf)
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
PROVIDED
(3) SMALL TREES

146 LF OF WALL FACING MIDVALE DRIVE
(146 LF x 43.35 = 6,329 sf)
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF
PROVIDED
(6) SHADE TREES

MATCHLINE - SEE SHEET L3.1

MATCHLINE - SEE SHEET L3.2

MATCHLINE - SEE SHEET L3.3

MATCHLINE - SEE SHEET L3.5

CHASTAIN DRIVE - 50' PUBLIC RW
MATCHLINE - SEE SHEET L3.6

MIDVALE DRIVE - 60' PUBLIC RW

PLANT SCHEDULE 3.4

TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Quercus phellos / Willow Oak	25 GAL	3"	6-8' HT	2
	Cercis c. Forest Pansy™ / Forest Pansy Redbud	8.6 B	2"	CAL	3
	Cryptomeria japonica / Japanese Cedar	8.6 B	3"	CAL	18
	Ilex opaca / American Holly	25 GAL	6-8'	HT	7
	Ilex x. 'East Palatka' / Single Stem East Palatka Holly	8.6 B	6'	HT	3
	Lagerstroemia l. 'Pink Velour' / Pink Velour Crape Myrtle	25 GAL	1-1.5'	CAL	3
	Lagerstroemia c. 'Natchez' / Natchez Crape Myrtle	8.6 B	2"	CAL	3
	Pinus palustris / Longleaf Pine Plug	PLUG	1-1.5'	CAL	3
	Quercus nuttallii / Nuttall Oak	8.6 B	3"	CAL	11

SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
	Quercus virginiana / Southern Live Oak	8.6 B	3"	CAL	4
	Buxus m. 'Wintergreen' / Boxwood	3 gal	18-24" HT	108	
	Camellia s. 'Chansonette' / Camellia	3 gal	18-24" HT	14	
	Distylium myricoides / Cinnamon Girl / Distylium	3 gal	15-24" HT	7	
	Ilex vomitoria / Tree Form Yaupon Holly	8.6 B	7-8' HT	6	
	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 gal	18-24" HT	88	
	Juniperus chinensis 'Spartan' / Spartan Juniper	15 gal	4-5' HT	3	
	Ligustrum j. 'Recurvatum' / Wax leaf Ligustrum	7 gal	38" HT	32	
	Loropetalum c. 'Ruby' / Ruby Loropetalum	3 gal	18-24" HT	9	
	Miscanthus s. 'Adagio' / Adagio Eulalia Grass	3 gal	18-24" HT	95	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT	19	

GROUND COVERS	BOTANICAL / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Nandina domestica / Heavenly Bamboo	3 gal	24-30" HT		54
	Osmunda fragrans / Sweet Olive	25 gal	5-6' HT		12
	Pittosporum l. 'Variegata' / Variegated Pittosporum	7 gal	24-30" HT		7
	Podocarpus macrophyllus (mak) / Shabby Yew	3 gal	24-30" HT		146
	Rosa 'Drift' White / White Drift Roses	3 gal	12-15" HT		30
	Ruellia brittaniana 'Purple Showers' / Sterile Mexican Petunia	3 gal	18-24" HT		24
	Trachelospermum j. 'Confederate' / Confederate Jasmine	3 gal	18-24" HT		56
	Liriope gigantea / Giant Liriope	1 GAL	12-18" HT	18" e.c.	402
	Liriope m. 'Variegata' / Variegated Lily Turf	1 GAL	6-12" HT	18" e.c.	40

SOD/SEED	BOTANICAL / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Erethocystis ophiuridis / Centipede Sod	sod			

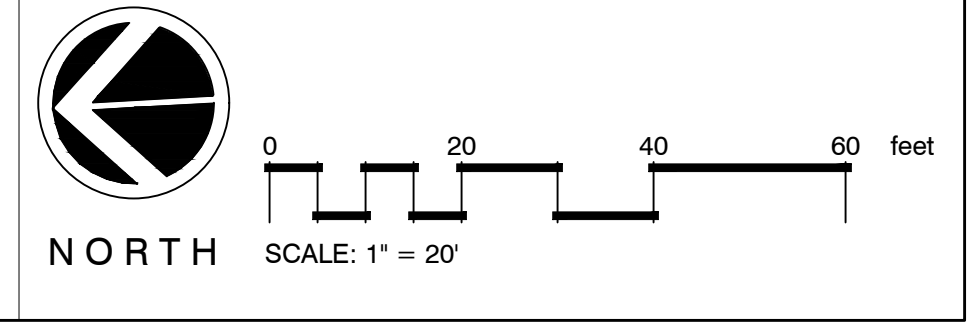
SYMBOL LEGEND

	PROPERTY BOUNDARY		COUNTY PARCEL
	MATCHLINE		TREES UTILIZED TO MEET PARKING LOT ISLAND SHADE REQUIREMENTS
	RIGHT OF WAY LINE		SITE TRIANGLE, TYP.
	WETLAND AREA		TREES COUNTED TOWARDS MEETING MITIGATION
	WETLAND BUFFER		EXISTING TREE TO REMAIN WITH TREE PROTECTION FENCING
	STREET LIGHTS, TYP. PARKING LOT LIGHTS, TYP.		EXISTING TREES TO BE REMOVED

CITY OF WILMINGTON
NORTH CAROLINA
Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
Signed: _____

Approved Construction Plan

Name	Date
Planning	
Public Utilities	
Traffic	
Fire	



146 LF OF WALL FACING CHASTAIN DRIVE
(146 LF x 43.35 = 6,329 sf)

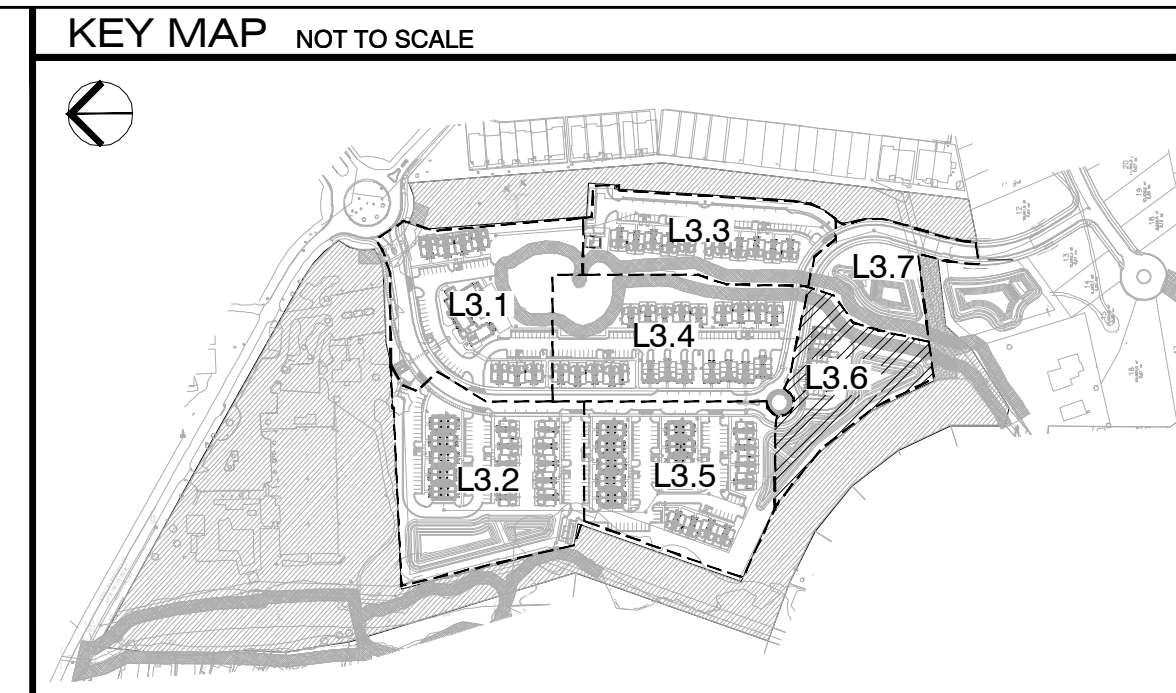
REQUIRED
(1) SHADE TREE PER 30 LF OR (1) SMALL TREE PER 20 LF

PROVIDED
(8) SMALL TREES

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

CITY OF WILMINGTON
NORTH CAROLINA
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APPROVED STORMWATER MANAGEMENT PLAN
Date: _____ Permit # _____
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Approved Construction Plan
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Fire _____



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



Revisions
2019-02-21: VE PLANTING REVISIONS
2019-05-13: COW COMMENTS
2019-06-04: COW COMMENTS
2019-06-10: COW COMMENTS
2019-06-18: REVISE PER COW
2019-06-20: Revise per Health Dept.
2020-01-08: Revise Buffer Areas
2020-01-13: Revise Pool Pavilions

PLANT SCHEDULE 3.6

TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Betula nigra / River Birch "Duraheat"	B & B		10-12' HT	9
	Ilex x a. "East Palatka" / Single Stem East Palatka Holly	25 GAL		6-8' HT	5
	Lagerstroemia l. "Muskogee" / Muskogee Crape Myrtle	B&B	3" CAL	8-10' HT	6
	Magnolia g. "Little Gem" / Dwarf Southern Magnolia	30 GAL	2" CAL	7-8' HT	2
	Pinus taeda / Loblolly Pine	--		8-10' HT	12
	Quercus nuttalli / Nuttall Oak	B & B	3" CAL		6
	Quercus virginiana / Southern Live Oak	B & B	3" CAL		1
	Quercus virginiana / Southern Live Oak	B & B	6" CAL.	18'-20' HT.	1
	Salix babylonica / Weeping Willow	B & B	2.5-3" CAL.	10-12' HT	1
SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
	Buxus m. "Wintergreen" / Boxwood	3 gal	18-24" HT	39	
	Camellia s. "Chansonette" / Camellia	3 gal	18-24" HT	2	
	Camellia sasanqua / Camellia	7 gal	3-4' HT	3	
	Ligustrum j. "Recurvifolium" / Wax leaf ligustrum	7 gal	36" HT	16	
	Muhlenbergia capillaris / Pink Muhly	3 gal	18-24" HT	37	
	Myrica cerifera / Wax Myrtle	7 gal	36" HT	13	
	Osmanthus fragrans / Sweet Olive	25 gal	5-6' HT	4	
	Podocarpus macrophyllus maki / Shubby Yew	3 gal	24-30" HT	20	
GROUND COVERS	BOTANICAL / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Liriope gigantea / Giant Liriope	1 GAL	12-18" HT	18" o.c.	186
	Trachelospermum a. "Asiatic" / Asiatic Jasmine	1 qt	6-12" HT	12" o.c.	94
SOD/SEED	BOTANICAL / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Eremochloa ophiuroides / Centipede Sod	SEED			
	Eremochloa ophiuroides / Centipede Sod	sod			

CLIENT
WOODLANDS LANDING
3200 MIDVALE DRIVE
WILMINGTON, NC 28412

PROJECT
TRACT 3A - WOODLANDS LANDING
4114 ECHO FARMS BLVD.
WILMINGTON, NC 28412
LANDSCAPE PLAN

Date: 12/14/2018
Phase:
Job Number: 810-03
Designed by: MLD
Drawn by: MAS
Checked by: JWM
Sheet Title: PLANTING PLAN

Sheet Number:
L3.6
of 13 sheets

MATCHLINE - SEE SHEET L3.4
CHASTAIN DRIVE - 50' PUBLIC RW

MATCHLINE - REFER TO SHEET L3.7

BUILDING 13

PROPOSED STORMWATER MANAGEMENT
(REFER TO CIVIL ENGINEER'S PLANS FOR BASIN STABILIZATION PLANTINGS)

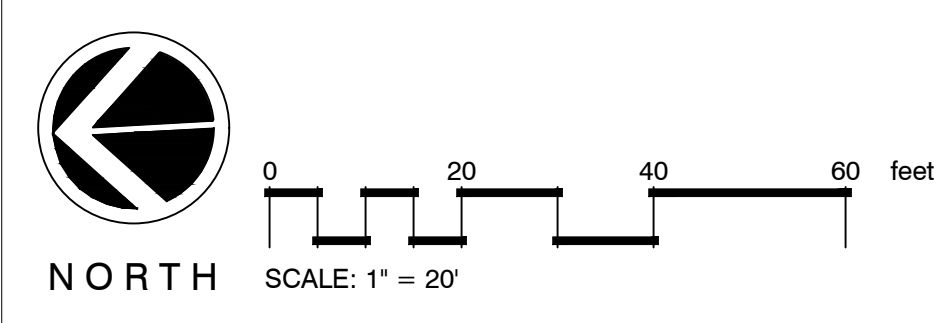
ALL STORMWATER MANAGEMENT AREAS HAVE BEEN DESIGNED AND LANDSCAPED TO MEET C.O.W. DETAIL SD-16 AND SRB REQUIREMENTS

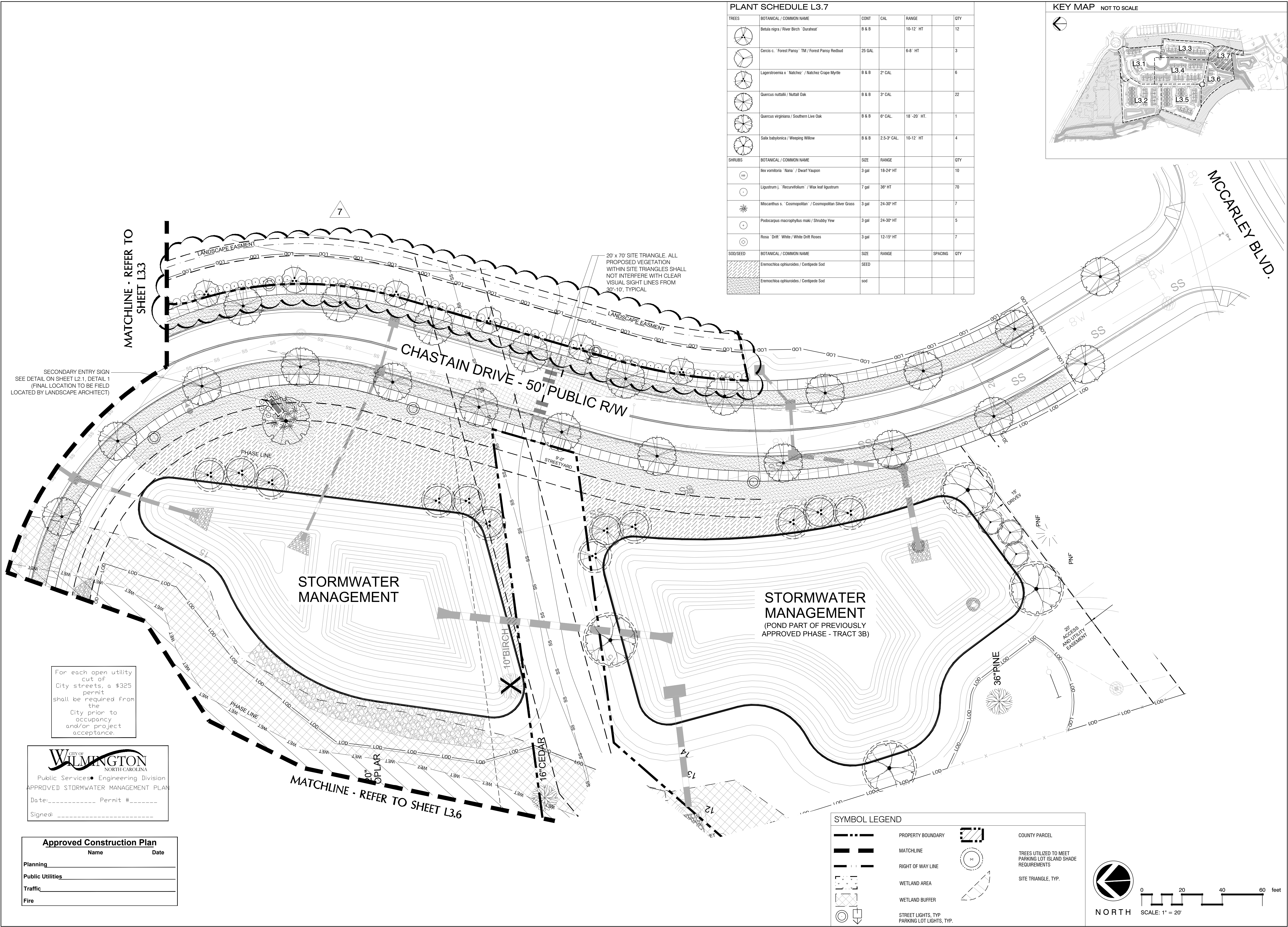
20' x 70' SITE TRIANGLE. ALL PROPOSED VEGETATION WITHIN SITE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30'-10', TYPICAL

MATCHLINE - SEE SHEET L3.5
PROPOSED STORMWATER MANAGEMENT
(REFER TO CIVIL ENGINEER'S PLANS FOR BASIN STABILIZATION PLANTINGS)

SYMBOL LEGEND

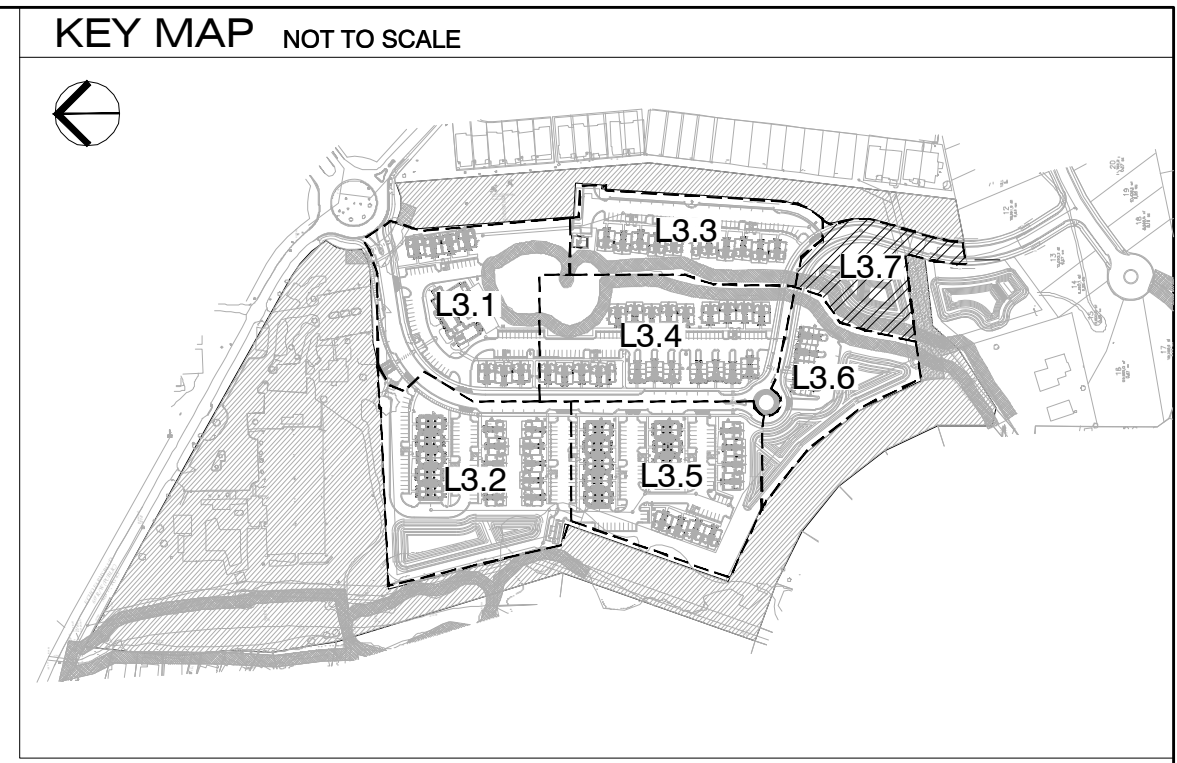
	PROPERTY BOUNDARY		COUNTY PARCEL
	MATCHLINE		TREES UTILIZED TO MEET PARKING LOT ISLAND SHADE REQUIREMENTS
	RIGHT OF WAY LINE		SITE TRIANGLE, TYP.
	WETLAND AREA		PEDESTRIAN BENCH AND PET WASTE STATION
	WETLAND BUFFER		EXISTING TREES TO BE REMOVED
	STREET LIGHTS, TYP. PARKING LOT LIGHTS, TYP.		EXISTING TREE TO REMAIN WITH TREE PROTECTION FENCING
	TREES COUNTED TOWARDS MEETING MITIGATION		





PLANT SCHEDULE L3.7

TREES	BOTANICAL / COMMON NAME	CONT	CAL	RANGE	QTY
	Betula nigra / River Birch 'Durahat'	B & B		10-12' HT	12
	Cercis c. 'Forest Pansy' TM / Forest Pansy Redbud	25 GAL		6-8' HT	3
	Lagerstroemia x 'Natchez' / Natchez Crape Myrtle	B & B	2" CAL		6
	Quercus nuttallii / Nuttall Oak	B & B	3" CAL		22
	Quercus virginiana / Southern Live Oak	B & B	6" CAL	18'-20' HT.	1
	Salix babylonica / Weeping Willow	B & B	2.5-3" CAL	10-12' HT	4
SHRUBS	BOTANICAL / COMMON NAME	SIZE	RANGE	QTY	
	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 gal	18-24" HT	10	
	Ligustrum j. 'Recurvifolium' / Wax leaf ligustrum	7 gal	36" HT	70	
	Miscanthus s. 'Cosmopolitan' / Cosmopolitan Silver Grass	3 gal	24-30" HT	7	
	Podocarpus macrophyllus maki / Shrubby Yew	3 gal	24-30" HT	5	
	Rosa 'Drift' White / White Drift Roses	3 gal	12-15" HT	7	
SOD/SEED	BOTANICAL / COMMON NAME	SIZE	RANGE	SPACING	QTY
	Ermochloa ophiuroides / Centipede Sod	SEED			
	Ermochloa ophiuroides / Centipede Sod	sod			



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JOSHUA W. MIHALY

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