

PLANNING COMMISSION

March 1, 2021

Virtual Meeting Using Video Conferencing Technology, Columbia, SC

SITE PLAN REVIEW CASE SUMMARY 1307 MASON ROAD, TMS#11813-01-02 GARDEN LAKES APARMENTS

(Γ	ounc	il Di	ctric	t•	1

Proposal: Request site plan approval for the construction of a 288-unit multi-family apartment

development.

Applicant: Anthony Lawrence, GDA Partners

Proposed Use: Apartments

Staff Recommendation: Approval with staff comments.

Detail:

This project entails the construction of a 288-unit multi-family development with a clubhouse/leasing office on ± 29.28 acres at the corner of North Main Street and Mason Road. The site is currently wooded and contains two ponds. The landscape plan illustrates that a large portion of the existing trees and the ponds will be preserved. The required number of off-street parking spaces for this development is 576 parking spaces (2 parking spaces per dwelling unit) whereas the applicant proposes to provide 578.

The development will be accessed from North Main Street and an emergency access will be provided along Mason Road. The applicant has submitted a traffic impact study that has been reviewed and approved by Traffic Engineering.

Should the Commission be inclined to grant approval of the site plan, staff would request that the Commission grant approval subject staff comments.

CITY REVIEWING AGENCY COMMENTS				
Lucinda Statler, Planning	Recommend approval with conditions:			
	1. Provide a sidewalk along emergency access road to Mason Road, and			
	along north side of Mason to connect to N Main.			
	2. Provide high-visibility crosswalks on Mason at N Main, and on N Main			
	with a pedestrian refuge on N Main.			
	3. Provide high-visibility crosswalk at primary access road median and			
	provide sidewalk on north side of access road from crosswalk to connect			
	to sidewalk on North Main.			
	4. Regarding sidewalks internal to development- either move back from the			
	curb to allow for car bumpers that may encroach into sidewalk, or widen			
	sidewalks to 8'.			
	5. Please provide walking trails around the lakes to support the vision of			

	the Wellschle 20202 plan which "an accompany healther life stail a			
Pachal Railay Zaning	the Walkable 29203 plan, which "encourages healthy lifestyles, increases resident safety, improves access to destinations, and furthers access to destinations, and furthers economic development opportunities. Walking for transportation, recreation, and exercise in the Crane Creek and North Main communities is safe, practical, and enjoyable. Residents have a high quality of life and are connected to one another and to local community resources" Recommend approval with condition:			
Rachel Bailey, Zoning				
Administrator	Approved conditioned on the approval of the height variance going before the Board on March 4, 2021.			
Johnathan Chambers, Land	Recommend approval with condition:			
Development Administrator	1. Any work within the right-of-way will require City of Columbia and SCDOT encroachment permits.			
	2. Planning Commission review is contingent upon annexation and			
	rezoning of the subject property.			
Todd Beiers, Commercial Plans	Recommend approval with condition:			
Examiner Examiner	1. Compliance with all applicable building code requirements.			
Scott Rogers, Utilities	Recommend approval with conditions:			
	Any needed upgrade, extension or relocation of City utilities must be provided by the developer and must meet the City's minimum design standards.			
	2. Any privately owned/maintained utilities or permanent structures cannot			
	be located inside City of Columbia utility easements.			
	3. Water mains, sewer mains, water meters that are 4" or larger or any			
	privately maintained utilities will not be allowed inside public right-of-ways or under sidewalks without an approved encroachment permit and written approval from the City Engineer. Coordination between the Civil Engineer, Architect and Mechanical Engineer to allow room for these utilities on the developed property is strongly suggested. 4. If sewer flows for this project result in flows of 4,000 gallons per day or above calculations must be submitted to the City's Engineering department to determine how the proposed project will affect the City's sewer system. Depending upon the effects of the projected flows this project may or may not be approved. If required, these calculations should be submitted to the Engineering department as soon as possible.			
Andrew Ritter, Traffic Engineering	Recommend approval.			
Kris Scott, Fire Department	Recommend approval.			
Caleb King, Forestry	Recommend approval with condition:			
Calcu King, Fulestry	1. Any new landscaping or irrigation installed in the right of way must be			
	approved by Forestry and Beautification for species and spacing and			
	maintained by the adjacent property owner in a manner to not interfere			
	with vehicular and pedestrian traffic. SCDOT must approve any new			
	landscaping installed along SCDOT roadways.			
Mike Jaspers, Stormwater	Recommend approval.			
Elle Matney, Parking	Recommend approval.			
Robert Sweatt, Street Division	Recommend approval.			
Samantha Yager, Solid Waste	Recommend approval.			
Scott Holder, Landscaping	Recommend approval.			
, , , , , , , , , , , , , , , , , , ,	F F			





Garden Lakes City of Columbia



This map was prepared using the City GIS Viewer:

City of Columbia - GIS Division Tuesday, February 2, 2021 Tax Parcel Labels

State Maintained

Tax Parcel

- Private

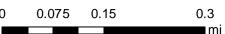
Street & Ownership

Others

Interstate

Highway

City Maintained



CITY OF COLUMBIA GIS DATA DISCLAIMER:

The City of Columbia GIS data represented on this map or plan is the product of the compilation of data produced by others. It is provided for informational purposes only and the City of Columbia makes no representation as to its accuracy. Its use without field verification is at the sole risk of the user.



City of Columbia APPLICATION for SITE PLAN/SUBDIVISION PLAT REVIEW

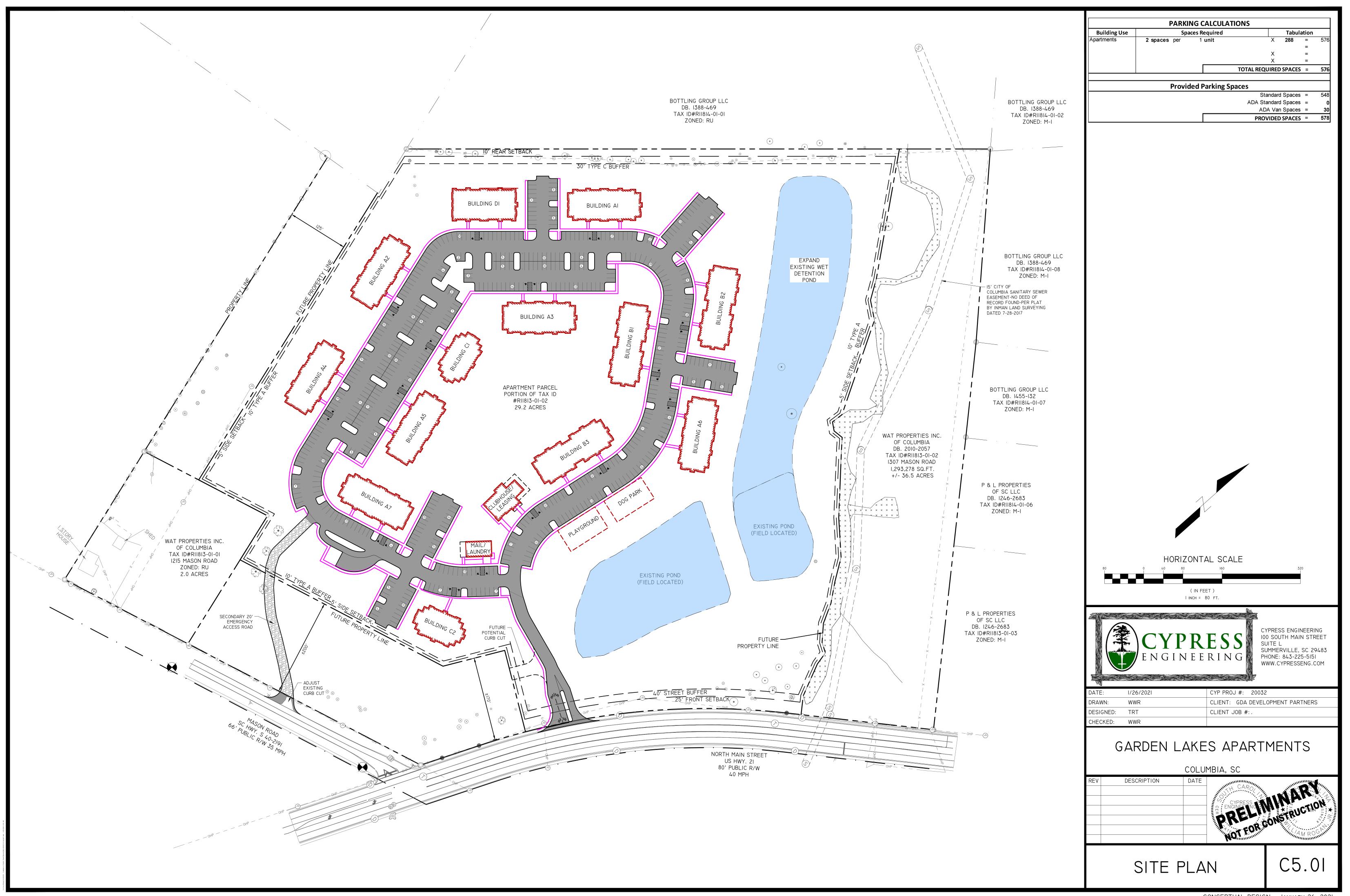
OFFICE USE ONLY: Date Received By									
1) APPLI	CANT	(Please Prin	t)						
		Lawrence	,	Compa	nv:	GDA Partne	ers		
Tel. #:	7 diditionly	Lawionec		Fax#:	<u></u> J •				
Mobile #:	803-622	-6925		E-mail:		at.lawrence	@yahoo.com		
Do you own ar	o you own any of the property affected by this application? YES NO; If NO, provide Letter of Agency								
A\			a = 0 =						
			S FOR (Check a	all that a	pply				
☐ Group/In	dividu	al Commercia	al Development						
I Group Re	esident	ial Developm	ent						
☐ Residenti	ial Sub	division							
☐ Planned \	Unit De	evelopment Si	ite Review						
☐ Street Na	me(s)	-							
3) PROPI	ERTY								
Address:		1307 Mason Roa	ad, Columbia, SC 2920)3					
TMS#:		R11813-01-02			Tota	l Acreage:	29.2		
Current Use	e:	Undeveloped raw land			Proposed Use		Multifamily apartments		
Current Zor	ning:	RU		•			•		
Number of l	Lots an	d/or Units:	1 Lot / 288 units		Tota	l Sq. Ft.	353,000		
						1100			
4) DETA	HUMU	PROJECT	DESCRIPTION	JN: (Att	ach a	dditional p	aper if you need more space)		
							use, 1,600 square foot		
tenant use.	building,	dog mendiy park	, piayground, expande	a detentio	пропс	as a naturai	feature and green space for		
5) NEICI	ПРΩТ	HOOD CC	NSULTATION	NT.					
					t maial	ah ana an maial	hborhood association to		
							ting is not required by ordinance,		
			act information may be				g,		
6) PLAN	SUBN	MITTAL							
Please r	efer to th	e Checklist for S	ite Plan Review for m	aterials re	quired	for submittal	with this application		
7) SIGNA	ATUR	E							
Applicant Sig		. 11-4	<u> </u>						
Print Name:		Anthony Lav	vrence						
Date:		1.26.2021							
		<u> </u>							

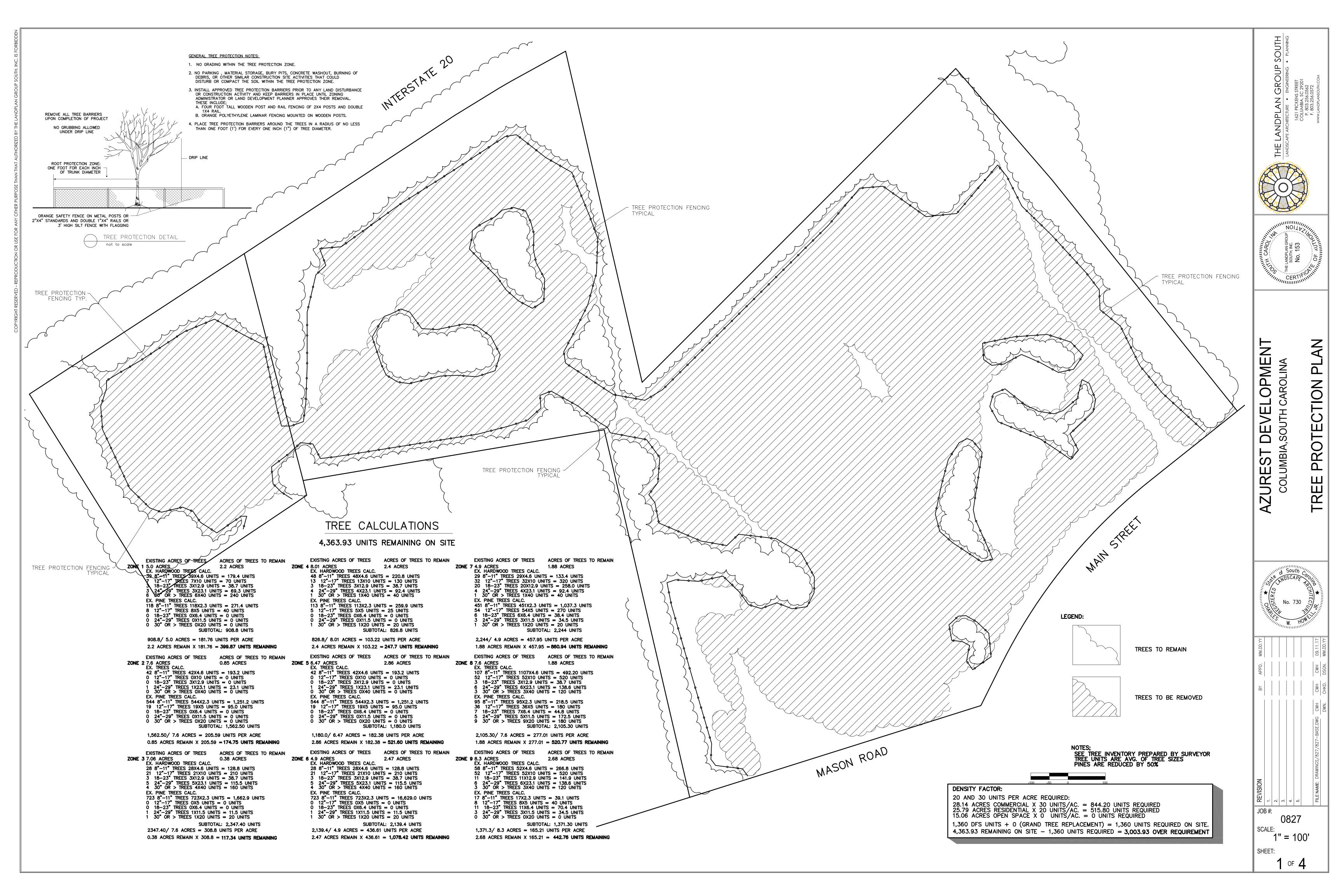


LETTER OF AGENCY BOARDS AND COMMISSIONS

TO: Planning and Development Services, City of Columbia

authorized on behalf of the party that holds, fee simple interest in the following parcel(s):
COMMON STREET ADDRESS(ES): 1307 Mason Road
TAX MAP NUMBER(S): 11813-01-02
Further, I hereby authorize the persons and/or entities listed as AUTHORIZED AGENT(S) below to act on my behalf for the purpose of submitting documents, amending documents, meeting with staff, attending public meetings and hearings, and as otherwise may be necessary and proper to fulfill the required steps to request the following:
1. Variance, Special Exception, and/or Administrative Appeal (Board of Zoning Appeals)
2. Zoning Map Amendment (Planning Commission and City Council, if applicable)
3. Site Plan Review (Planning Commission or D/DRC)
4. Design Review (D/DRC)
5. Minor Subdivision (Staff)
6. Major Subdivision (Planning Commission)
**Please strike-through and initial any of the above-listed steps that do not fall under the scope of this Letter of Agency
AUTHORIZED AGENT(S): Name, Company/Firm, Telephone Number Anthony Lawrence 803.622.6925
Please note that the Authorized Agent(s) will be the designated contact for all correspondence related to the above-listed steps
PROPERTY OWNER: DATE: 12-1-202.
WITNESS TO SIGNATURE: 2 C DATE: 12/01/2020 WITNESS NAME (PRINTED): Truy Washington





PRELIMINARY LANDSCAPE PACKAGE

ISSUED: JANUARY 27, 2021



OWNER:

GDA DEVELOPMENT PARTNERS

260 W. COLEMAN BLVD. SUITE B

MT. PLEASANT, SC 29464

TEL: (843) 297-1499

GARDEN LAKES APARTMENTS

APARTMENT PARCEL PORTION OF TAX ID# R11813-01-02 COLUMBIA, SOUTH CAROLINA

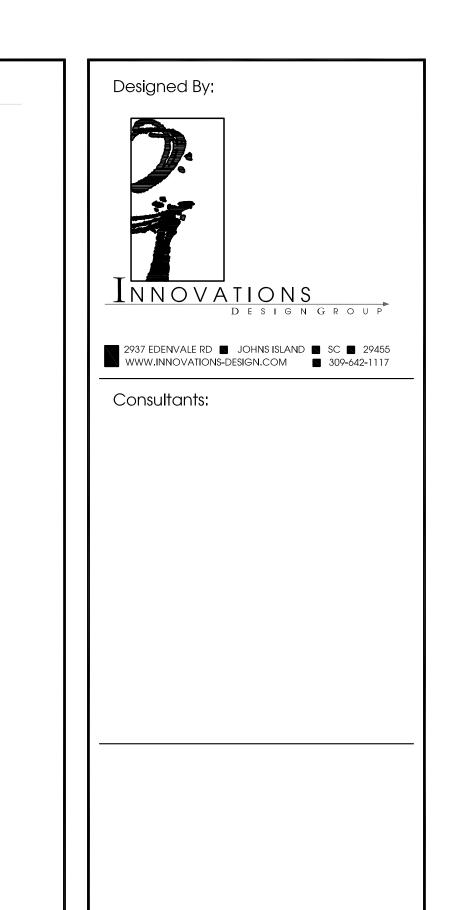
PRELIMINARY LANDSCAPE PLAN PACKAGE

INDEX OF DRAWINGS

TREE INVENTORY, PROTECTION &
REMOVAL SCHEDULE
TREE INVENTORY, PROTECTION &
REMOVAL PLAN
SITE KEY PLAN
PLANTING NOTES & SCHEDULE
LANDSCAPE PLAN

LANDSCAPE PLAN L1-03 LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN L1-05 L1-06 LANDSCAPE PLAN LANDSCAPE PLAN LANDSCAPE PLAN L1-08 LANDSCAPE PLAN

LANDSCAPE DETAILS



Sarden Lakes Ap	Garden Lakes Apartments COLUMBIA, SOUTH CAROLINA	
-----------------	--------------------------------------------------	--

Rev:	Date:	Description:	Ву:
\triangle			

Date: 01/27/2021	Scale: See Plan		
Drawn By: VH	Designed By: VH		
Approved By: WR	Project No:21001		
©Innovations Design Group, Inc.			

eal:	Sheet Number:
PRELIMINARY	
PLANS -	
NOT FOR	-
CONSTRUCTION	

TREE PROTECTION REQUIREMENTS:

Tree protection zone. The tree protection zone extends one foot in radius from the tree for each one inch of tree diameter (measured at four and one-half feet above ground level) or one-half the tree's height, whichever is greater. To protect the roots in this tree protection zone, the following are required:

- a. Layout of the site utility and grading plans must accommodate the required tree protection zone. Utilities must be placed along corridors between tree protection zones.
- b. Construction site activities such as parking, material storage, bury pits, concrete washout, burning of debris, shall not be allowed within tree protection zones.
- c. If there is no alternative location, utility lines may be tunneled or bored under the tree and its roots at a 25-inch minimum depth. Such work must be shown on the approved tree protection plan.
- d. Protective barriers or tree fencing shall be installed along the outer edge of and completely surrounding the tree protection zones. Acceptable tree barriers include: four-foot-high wooden post and rail fence with two-inch by four-inch posts and a double one-inch by four-inch rail or four-foot-high orange polyethylene laminar safety fencing mounted on wooden posts, or any fencing method approved by the zoning administrator. All tree protection barriers must be installed prior to, and maintained throughout, the land disturbance and construction process and may not be removed until approved by the zoning administrator. See Detail 1/D1-00.
- e. Curb stops, concrete curb, or other devices to prevent vehicular damage to required trees must be shown on the landscape plan and installed prior to final inspection.

TREE REMOVAL MUST COMPLY WITH THE FOLLOWING:

Requesting removal of protected trees.

- a. General procedure. If an owner/developer proposes to remove any protected trees (see (b) above), then he/she must document the request and submit it as part of the landscape plan. The request shall be subject to the approval of the zoning administrator in conjunction with landscape plan/zoning permit approval.
- b. Criteria for removal of grand trees. It shall be unlawful to remove a grand tree without the written permission of the zoning administrator. The location of grand trees requested to be removed shall be indicated on the landscape plan and/or tree protection plan. The following criteria shall be utilized in evaluating requests to remove grand trees or stands of trees: topography of the site; proposed grade changes; location of utilities and driveways; location of the trees; proposed tree planting or transplanting to compensate for tree removal; public safety; tree health, condition and longevity; tree species; and any historic, aesthetic or exceptional quality associated with the tree(s).
- c. Requirements for replacement of grand trees. When removal of grand trees is approved, the following replacement requirements shall apply: Grand trees shall be replaced with shade trees wherever possible. An equal number of density factor units of replacement trees shall be planted to replace the density factor units for trees removed. This planting shall be in addition to the required density factor for the site.

REQUIRED DENSITY FACTOR FOR THE SITE (DFS):

Requirements, general. All developments to which this section applies, other than single-family residential subdivisions, shall be required to meet the minimum density factor for a site (DFS) of 30 units per acre. Multiplying the number of site acres in a development by 30 gives the required DFS. The minimum tree density of 30 units per acre shall include trees required in the street protection yard, buffer transition yard and vehicular surface areas.

- a. Compliance with required DFS. To determine the number of trees that must be planted to comply with DFS requirements, the landscape plan submitted with the zoning permit application must be evaluated. The following steps must then be taken to determine any additional tree planting requirements:
- a.1. Calculation of existing density factor (EDF). Calculate the existing density factor (EDF) for all trees indicated on the landscape plan as remaining on the site following development. (These trees are required to be protected during construction according to section 17-419). EDF is determined by converting the diameter-at-breast-height (D.B.H.) for each individual existing tree (indicated as remaining) to density factor units using the following table. For softwoods, such as pine or cedar, multiply the units listed below by 0.5. Palmetto trees shall have the value of 1.0 unit each. These units are then totaled to determine the EDF for the site.
- a.2. Calculating required replacement density factor (RDF). To calculate the required replacement density factor, subtract the EDF from the required density factor for the site (DFS).

SITE CALCULATIONS:

29.2 ACRE SITE X 30 UNITS PER ACRE = 876 DFS REQUIRED

TREES SAVED (EDF) = 793.25 EDF

(SEE TABLE 1.1 FOR CALCULATIONS)

GRAND TREES REMOVED = 324.9 UNITS

(SEE TABLE 1.2 FOR CALCULATIONS)

876 DFS REQUIRED - 793.25 EDF TREES SAVED = 82.75 DFS REQUIRED

82.75 DFS + 324.9 UNITS FROM GRAND TREE REMOVAL = 407.65 TOTAL REQUIRED CREDITS (RDF)

TREE INVENTORY FOR TREES REMAINING ON SITE (EDF)							
SIZE (B.D.H.)	HARDWOOD QTY	SOFTWOOD QTY	DENSITY FACTOR UNITS - 50% for Softwoods	TOTAL DENSITY FACTOR UNITS			
8"	2	-	3.6	7.2			
10"	-	3	4.8	7.2			
11"	3	3	5.6	24.75			
12"	1	2	6.0	12			
13"	3	3	6.4	28.8			
14"	2	2	6.8	20.4			
15"	3	-	7.2	21.6			
16"	3	3	7.6	34.2			
17"	1	-	8.0	8			
18"	2	-	8.4	16.8			
19"	2	-	8.8	17.6			
21"	-	1	9.6	4.8			
22"	1	1	10.4	15.6			
23"	2		17.4	34.8			
24"	5	1	18.6	102.3			
25"	1	2	20.4	40.8			
26"	-	1	22.2	11.1			
27"	-	2	24.0	24			
28"	2	-	25.8	51.6			
31"	3	-	31.2	93.6			
32"	-	1	33.6	16.8			
35"	1	1	40.2	60.1			
43"	1	-	60.6	60.6			
49"	1	-	78.6	78.6			
			EXISTING GRAND TOTAL	793.2500			
ABLE 1.1							

	 -		or other limit of Tree lection Requirements		· ·	Notes: 1- See Tree Protectio Sheet D1-00.	on Requirements on
						2- If there is no existing specifications for wat	
		S		MA		No pruning shall be by approved arborist.	
		arle g	The Z	The state of the s	1	4- No equipment sha protective fencing inc installation and remov	luding during fence
	5		ar wie	الله م محال) In	5- See site preparation modifications with the area.	
8.5" x 11" —				THE SAME	The state of the s		 Tree Protection fence: High density polyethylene fencing with 3.5" x 1.5" openings; Color- orange. Steel posts installed at 8' o.c.
sign laminated in astic spaced		A AS COL		Size Chair	\$		2" x 6' steel posts or approved equal.
every 50' along the fence.	4.	KEEP OUT TREE PROTECTION					– 5" thick layer of mulch.
	4-1-0 ₁	AREA		- WE	Marie Me	Bris - Hr Land	 Maintain existing grade with the tree protection fence unless otherwise
			SECTION VIEW				indicated on the plans.

	TREE INVENTORY FOR GRAND TREES TO BE REMOVED			
SIZE (B.D.H.)	HARDWOOD QTY	SOFTWOOD QTY	DENSITY FACTOR UNITS - 50% for Softwoods	TOTAL DENSITY FACTOR UNITS
26"	1	-	22.2	22.2
27"	1	-	24.0	24.0
28"	1	-	25.8	25.8
30"	2	-	29.4	58.8
32"	1	-	33.6	33.6
33"	1	-	35.4	35.4
36"	1	-	42.6	42.6
39"	-	1	49.8	24.9
42"	1	-	57.6	57.6
			REPLACEMENT GRAND TOTAL	324.9000
TABLE 1.2				

Designed By:
TAMENTALONS
INNOVATIONS DESIGN GROUP
2937 EDENVALE RD ■ JOHNS ISLAND ■ SC ■ 29455 WWW.INNOVATIONS-DESIGN.COM ■ 309-642-1117
Consultants:

Garden Lakes Apartments COLUMBIA, SOUTH CAROLINA	TREE INVENTORY, PROTECTION & REMOVAL SCHEDULE
--------------------------------------------------	-----------------------------------------------

Rev:	Date:	Description:	Ву:

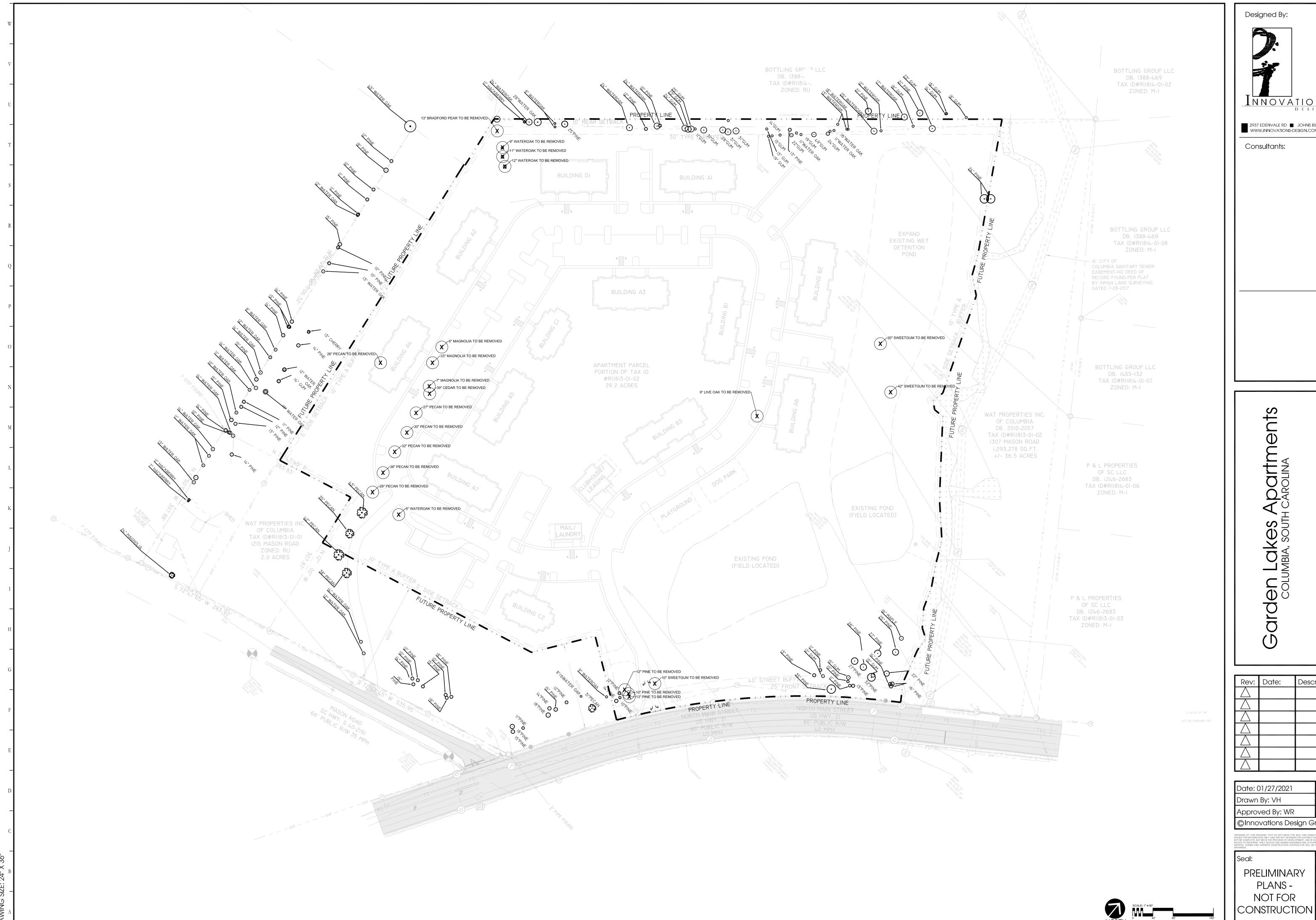
Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR Project No:21001		
©Innovations Design Group, Inc.		

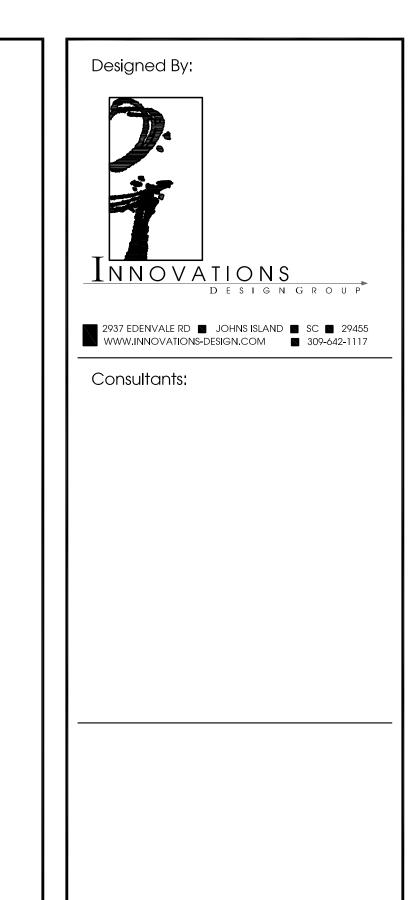
VERSIONS OF THIS DRAWING THAT DO NOT BEAR THE SEAL AND SIGNATURE OF THE ARCHITECT RESPONSIBLE FOR THEM AIL SISUED FOR INFORMATION ONLY AND ARE NOT INTERDED OR SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRAWING M NOT BE COMPLETE, MAY BE IN THE PROCESS OF DEVELOPMENT, AND IS SUBJECT TO MODIFICATIONS BY THE ARCHITECT WITHOUT OF THE PROJECT OF RECIPIENT ONLY SELED AND SIGNED DRAWINGS ARE AUTHORITATIVE COPIES OF THE ARCHITECTS INSTRUMENTS SERVICE. OWNER AND OWNERS CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND SIGNI DRAWINGS.

DRAWINGS.		
Seal:	Sheet Number:	
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	D1-00	

E: F:\IDG-Server\4 Studio\Projects\2021\Garden Lakes Apartments\2 Av INT DATE: 27-Jan-21

TREE PROTECTION



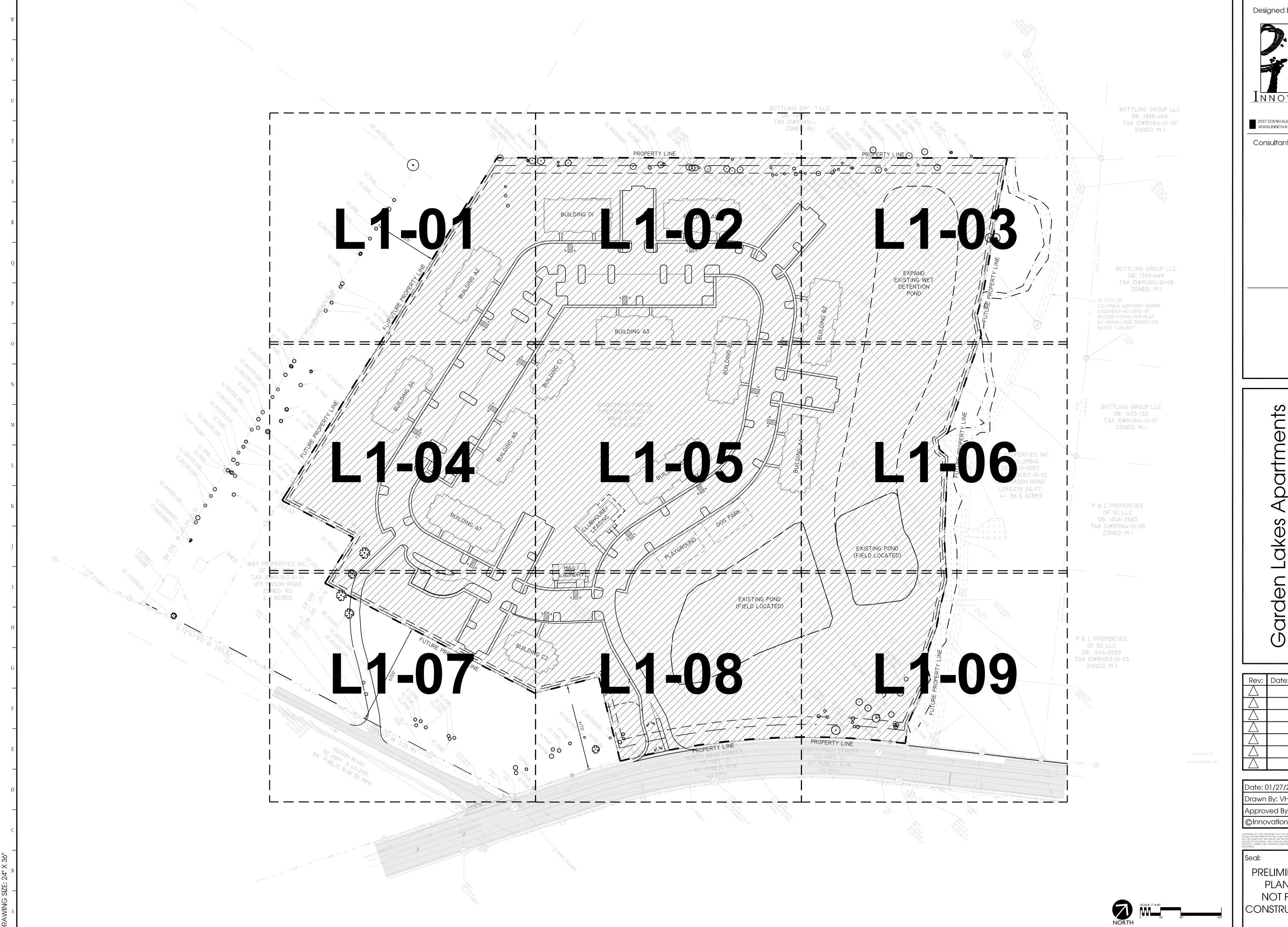


TREE INVENTORY, PROTE REMOVAL PLAN Garden Lakes Apacolumbia, south Car

Rev:	Date:	Description:	By:

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR	Project No:21001	
Olnnovations Design Group, Inc.		

Seal:	Sheet Numbe
PRELIMINARY	
PLANS -	D1-01
NOT FOR	DI-01
CONSTRUCTION	



Designed By:

INNOVATIONS

DESIGN GROUP

2937 EDENVALE RD JOHNS ISLAND SC 29455

WWW.INNOVATIONS-DESIGN.COM 309-642-1117

Consultants:

arden Lakes Apartments
COLUMBIA, SOUTH CAROLINA
SITE KEY PLAN

Rev:	Date:	Description:	Ву:

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR Project No:2100		
©Innovations Design Group, Inc.		

ONS OF THIS DRAWING THAT DO NOT BEART HE SEAL AND SIGNATOR OF THE ARCHITECT RESPONSIBLE FOR THE OF PER INFORMATION ONLY AND ARE NOT INTERDED OR SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRAWING COMPLETE, MAY BE IN THE PROCESS OF DEVELOPMENT, AND IS SUBJECT TO MODIFICATIONS BY THE ARCHITECT WIT OF TO RECHIFIETT ONLY SEALED AND SIGNED DRAWINGS ARE AUTHORITATIVE COPIES OF THE ARCHITECTS INSTRUCTION DEC. OWNER AND OWNERS CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND S NOS.

Seal:	Sheet Number:
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	LO-00

2. CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 48 HOURS MINIMUM PRIOR TO DIGGING FOR VERIFICATION OF ALL UNDERGROUND UTILITIES. IRRIGATION AND ALL OTHER OBSTRUCTIONS AND COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO INITIATING OPERATIONS DRAWINGS ARE PREPARED ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARING THESE DOCUMENTS.

3. CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH EXISTING SITE CONDITIONS PRIOR TO INITIATING PLANTING. ALL EXISTING SITE FURNISHINGS, PAVING, LANDSCAPE AND OTHER ELEMENTS TO REMAIN SHALL BE PROTECTED FROM ANY DAMAGE UNLESS OTHERWISE NOTED.

4. UNLESS OTHERWISE NOTED, THE LIMITS OF CONSTRUCTION ARE THE CLEARING LIMITS NOTED ON THE DRAWINGS. (REFER TO CIVIL ENGINEERING DRAWINGS.)

5. REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.

6. LANDSCAPE CONTRACTOR SHALL COORDINATE ALL WORK WITH RELATED CONTRACTORS AND WITH THE GENERAL CONSTRUCTION OF THE PROJECT IN ORDER NOT TO IMPEDE THE PROGRESS OF THE WORK OF OTHERS OR THE CONTRACTOR'S OWN WORK.

7. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE EXISTING GROUND COVER FOR ALL PLANTING BEDS AS SPECIFIED PRIOR TO PLANTING INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ALL PORTIONS OF EXISTING LAWN AREAS DAMAGED WHILE COMPLETING PLANTING INSTALLATION WITH THE SAME GRASS SPECIES TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

8. THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS. PRIOR TO COMMENCEMENT OF THE LANDSCAPE PLANTING WORK. THE CONTRACTOR SHALL PROVIDE COMPLETE SOIL TESTS FOR AT LEAST TWO ON-SITE AREAS.

9. ALL TREES SHALL HAVE SIX FEET (6') CLEAR TRUNK UNLESS OTHERWISE SPECIFIED.

10. ALL CONTAINER SIZES NOTED ON PLANT LIST ARE MINIMUM. INCREASE SIZE IF NECESSARY TO CONFORM TO PLANT SIZE AND SPECIFICATIONS.

11. ALL TREE CALIPER SIZES NOTED ON PLANT LIST ARE MINIMUM. INCREASE SIZE IF NECESSARY TO CONFORM TO PLANT SIZE AND SPECIFICATIONS.

12. ANY TREES WITH A TRUNK FORMED "V" SHAPE CROTCH WILL BE REJECTED.

13. EROSION CONTROL FABRIC SHALL BE INSTALLED IN ALL SHRUB AND GROUND COVER PLANTING AREAS AS PER SPECIFICATIONS FOR ALL SLOPES THAT EXCEED 3:1.

14. TYPICALLY, SHRUB AND GROUND COVER PLANTINGS ARE SHOWN AS MASS PLANTING BEDS. PLANTS SHAI PLACED ON A TRIANGULAR SPACING CONFIGURATION (STAGGERED SPACING), PLANT CENTER TO CENTER DIMENSIONS (O.C.) ARÉ LISTED UNDER "COMMENTS" ON THE PLANT LIST.

15. LANDSCAPE CONTRACTOR SHALL FIELD STAKE THE LOCATION OF ALL PLANT MATERIAL PRIOR TO INITIATING INSTALLATION FOR THE REVIEW AND APPROVAL OF THE OWNER'S REPRESENTATIVE AND/OR LANDSCAPE ARCHITECT

16. LANDSCAPE CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO ALL EXISTING UNDERGROUND UTILITIES AND/OR EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.

17. CONTRACTOR SHALL MULCH ALL NEW PLANT MATERIAL THROUGHOUT AND COMPLETELY TO DEPTH SPECIFIED.

18. NO SUBSTITUTIONS IN SIZE AND/OR PLANT MATERIAL WITHOUT APPROVAL BY TOWN OF SUMMERVILLE PLANNING & LANDSCAPE ARCHITECT / OWNER'S REPRESENTATIVE.

19. CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND THE PROJECT MANUAL AND SPECIFICATIONS FOR FURTHER AND COMPLETE LANDSCAPE PLANTING INSTRUCTIONS.

20. LANDSCAPE CONTRACTOR SHALL COORDINATE ALL PLANTING WORK WITH IRRIGATION WORK. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAND WATERING AS REQUIRED BY OWNER'S REPRESENTATIVE TO SUPPLEMENT IRRIGATION WATERING AND RAINFALL LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR HAND WATERING IN ALL PLANTING AREAS, REGARDLESS OF THE STATUS OF EXISTING OR PROPOSED IRRIGATION.

21. LANDSCAPE CONTRACTOR SHALL CLEAN THE WORK AREAS AT THE END OF EACH WORKING DAY. RUBBISH AND DEBRIS SHALL BE COLLECTED AND DEPOSITED OFF-SITE DAILY. ALL MATERIALS, PRODUCTS AND EQUIPMENT SHALL BE STORED IN AN ORGANIZED FASHION AS DIRECTED BY THE OWNER'S REPRESENTATIVE.

22. LANDSCAPE CONTRACTOR SHALL REGRADE ALL AREAS DISTURBED BY PLANT REMOVAL. RELOCATION AND/OR INSTALLATION WORK. LANDSCAPE CONTRACTOR SHALL REPLACE (BY EQUAL SIZE AND QUALITY) ANY AND ALL EXISTING PLANT MATERIAL DISTURBED OR DAMAGED BY PLANT REMOVAL. RELOCATION AND/OR INSTALLATION.

LANDSCAPE REQUIREMENTS:

TOTAL PLANTING REQUIREMENT: (SEE SHEET D1-00 FOR CALCULATIONS) 876 DFS REQUIRED - 793.25 EDF TREES SAVED = 82.75 DFS REQUIRED 82.75 DFS + 324.9 UNITS FROM GRAND TREE REMOVAL = 407.65 TOTAL REQUIRED CREDITS (RDF)

238 REPLACEMENT HARDWOOD TREES @ 3" CALIPER X 1.5 UNITS = 357 UNITS 104 REPLACEMENT SOFTWOOD TREES @ 2" CALIPER X .5 UNITS = 52 UNITS 357 UNITS + 52 UNITS = 409 UNITS OF REPLACEMENT TREES

PARKING REQUIREMENTS:

DEVELOPMENTS GREATER THAN TEN ACRES. FOR PROPERTIES GREATER THAN TEN ACRES IN SIZE, EACH INCREMENTAL INCREASE OF FIVE ACRES SHALL REQUIRE A CORRESPONDING INCREASE IN THE STREET PROTECTIVE YARD'S MINIMUM SQUARE FOOTAGE AND MINIMUM WIDTH BY FIVE FEET, BUT NO STREET PROTECTIVE YARD SHALL BE REQUIRED TO MEASURE GREATER THAN 50 FEET IN WIDTH.

DISTANCE FROM PARKING SPACES. NO VEHICULAR PARKING SPACE SHALL BE LOCATED FARTHER THAN 40 FEET FROM THE TREE TRUNK OF A SHADE TREE IN A PLANTING AREA WITH ONE TREE.

STREET PROTECTIVE YARDS FOR NEW DEVELOPMENTS: FOR PROPERTIES GREATER THAN TEN ACRES IN SIZE, EACH INCREMENTAL INCREASE OF FIVE ACRES SHALL REQUIRE A CORRESPONDING INCREASE IN THE STREET PROTECTIVE YARD'S MINIMUM SQUARE FOOTAGE AND MINIMUM WIDTH BY FIVE FEET, BUT NO STREET PROTECTIVE YARD SHALL BE REQUIRED TO MEASURE GREATER THAN 50 FEET IN WIDTH.

EACH STREET PROTECTIVE YARD SHALL CONTAIN AT LEAST ONE SHADE TREE FOR EVERY 40 LINEAR FEET OF STREET PROTECTIVE YARD OR FRACTION THEREOF, AS MEASURED ALONG THE PROPERTY LINE ABUTTING THE RIGHT-OF-WAY.

SHRUBS AND OTHER VEGETATION IN STREET PROTECTIVE YARDS NOT ADJACENT TO VEHICULAR SURFACE AREAS. IN STREET PROTECTIVE YARDS OTHER THAN THOSE FOR VEHICULAR SURFACE AREAS, SHRUBS, GROUND COVER, SMALL-MATURING TREES, OR TURF SHALL COVER AT LEAST 60 PERCENT OF THE STREET YARD AREA NOT USED FOR S HADE TREES OR FOR PEDESTRIAN OR VEHICULAR ACCESS.

BUFFER TRANSITION YARDS: TYPE A BUFFER - 10' WIDTH REQUIREMENT 6" CAL. TREE DIA. & 20 SHRUBS / 100 LINEAR FEET

TYPE C BUFFER - 30' WIDTH REQUIREMENT 8" CAL. TREE DIA. & 60 SHRUBS / 100 LINEAR FEET

PLANTING SPECIFICATIONS:

(1) SIZE. ALL SHADE TREES PLANTED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION SHALL BE A MINIMUM OF TEN FEET IN HEIGHT, AND SMALL-MATURING TREES A MINIMUM OF EIGHT FEET IN HEIGHT, WHEN PLANTED. BOTH SHADE TREES AND SMALL-MATURING TREES MUST BE TWO INCHES IN CALIPER (MEASURED ONE-HALF FOOT ABOVE GROUND LEVEL) WHEN PLANTED. ANY NEW TREES OF ABOVE FOUR-INCH CALIPER SIZE SHALL BE MEASURED 12 INCHES ABOVE THE GROUND.

(2) SPREAD RELATIONSHIP. THE HEIGHT-TO-TRUNK CALIPER RATIO, ROOT BALL SIZES, OR SPREAD RELATIONSHIP FOR ANY TREE TO BE PLANTED SHALL MEET THE CURRENT "AMERICAN STANDARDS FOR NURSERY STOCK" AS SET FORTH BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

(3) MULTI-TRUNK TREES. ALL MULTI-TRUNK TREES MUST BE "TREE FORM" WITH A MAXIMUM OF THREE TO FIVE STEMS OR TRUNKS AND A MINIMUM HEIGHT OF EIGHT FEET AT PLANTING.

SHRUBS. ALL SHRUBS PLANTED TO MEET THE REQUIREMENTS OF THIS SECTION, UNLESS REQUIRED TO BE LARGER, AS SET FORTH IN LATER SUBSECTIONS SUCH AS "SCREENING, VEHICULAR SURFACE AREAS," ETC., SHALL BE A MINIMUM OF THREE-GALLON CONTAINER SIZE AND 18 INCHES IN HEIGHT OR SPREAD (DEPENDING ON WHETHER THE GROWTH HABIT IS UPRIGHT OR SPREADING) MEASURED FROM THE TOP OF THE ROOT ZONE.

MULCH. ALL PLANTED MATERIALS ARE TO BE MULCHED WITH AN APPROVED MATERIAL IN THE AMOUNT (DEPTH AND AREA) SPECIFIED IN THE GUIDELINES. GENERALLY, AN ORGANIC MATERIAL SUCH AS BARK MULCH OR PINE STRAW SHALL BE APPLIED AS FOLLOWS: FOR TREES AND SHRUBS, THREE TO FOUR INCHES DEEP AT THE BASE OF SHRUBS AND TREES FROM THE TRUNK TO THE DRIPLINE; FOR GROUND COVER AND PERENNIALS, ONE TO TWO INCHES DEEP SUFFICIENT IN COVERAGE TO CONSERVE MOISTURE AND SUPPRESS WEEDS WITHOUT INHIBITING GROWTH OF THE LANDSCAPE PLANTS.

PLANTING DETAILS: SEE SHEET L1-10.

PLANT SCHEDULE

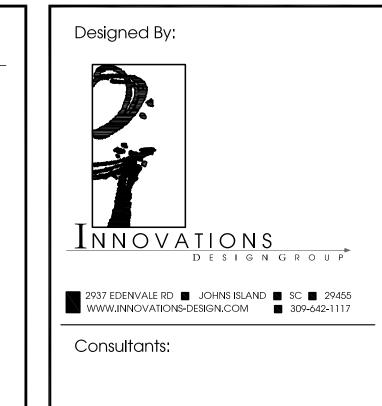
CODE

QTY

BOTANICAL / COMMON NAME

Cynodon dactylon `Tif 419` / Bermuda Grass





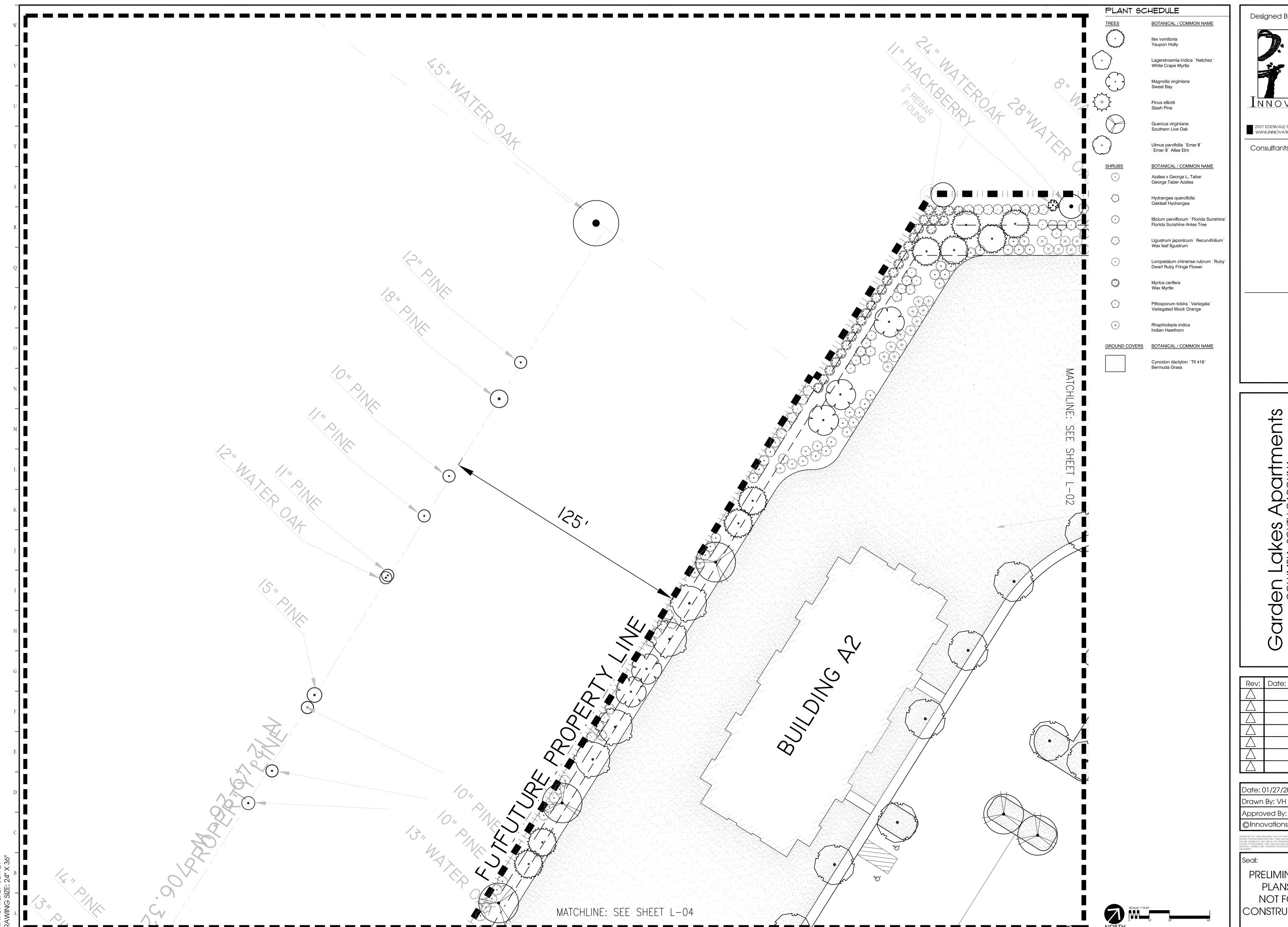
CHEI $\tilde{\Omega}$ A ANTIN Ф

CONTAINER

Rev:	Date:	Description:	By:
\triangle			

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR Project No:21001		
©Innovations Design Group, Inc.		

Sheet Number: PRELIMINARY PLANS -NOT FOR |CONSTRUCTION



Designed By:

INNOVATIONS

DESIGN GROUP

2037 EDENVALE RD JOHNS ISLAND SC 20455

WWW.INNOVATIONS-DESIGN.COM 309-242-1117

Consultants:

Prida Sunshine'
Tree

Recurvifolium'
Ruby'
Per

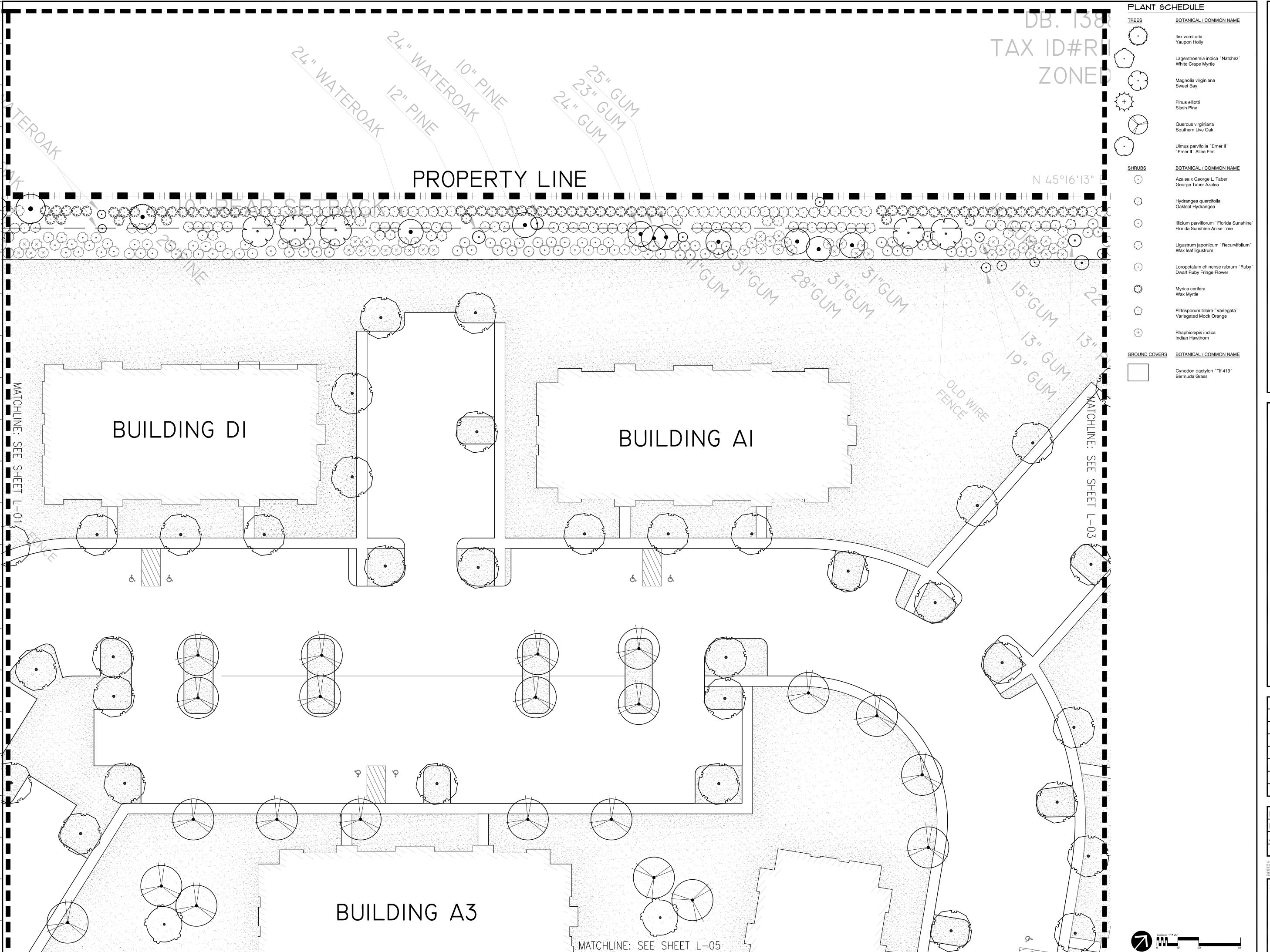
In NAME

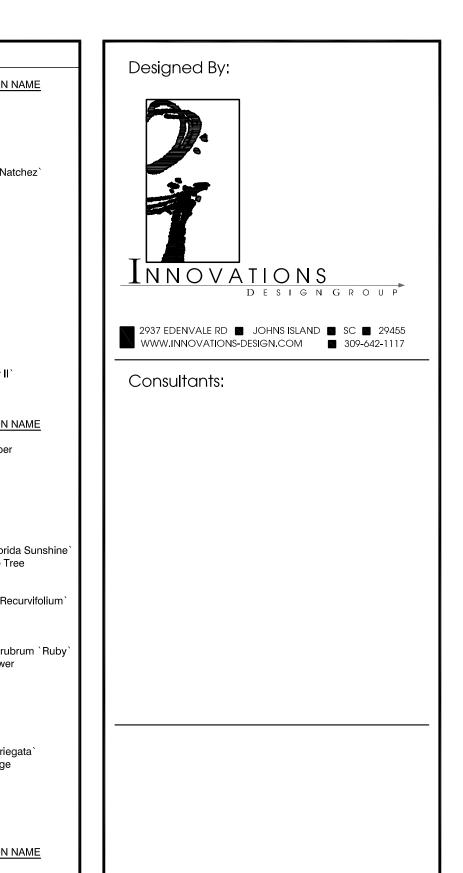
Rev:	Date:	Description:	Ву:
\triangle			
\triangle			
\triangle			

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR Project No:2100		
©Innovations Design Group, Inc.		

VERSIONS OF THIS DRAWING THAT DO NOT BEAR THE SEAL AND SIGNATURE OF THE ARCHITECT RESPONSIBLE FOR THE SISQUE OF RIN FORMATION ONLY AND ARE NOT INTENDED ON SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRAWIN NOT BE COMPLETE, MAY BE IN THE PROCESS OF DEVELOPMENT, AND IS SUBJECT TO MODIFICATIONS BY THE ARCHITECT WINDIGHT OF RECIPIENT, ONLY SEALED AND SIGNED DRAWINGS ARE AUTHORITATIVE COPIES OF THE ARCHITECTS INSTRUMEN SERVICE OWNER AND OWNERS CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND S DRAWINGS.

SERVICE. OWNER AND OWNER'S CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND SIGNED DRAWINGS.		
Seal:	Sheet Number:	
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	L1-01	





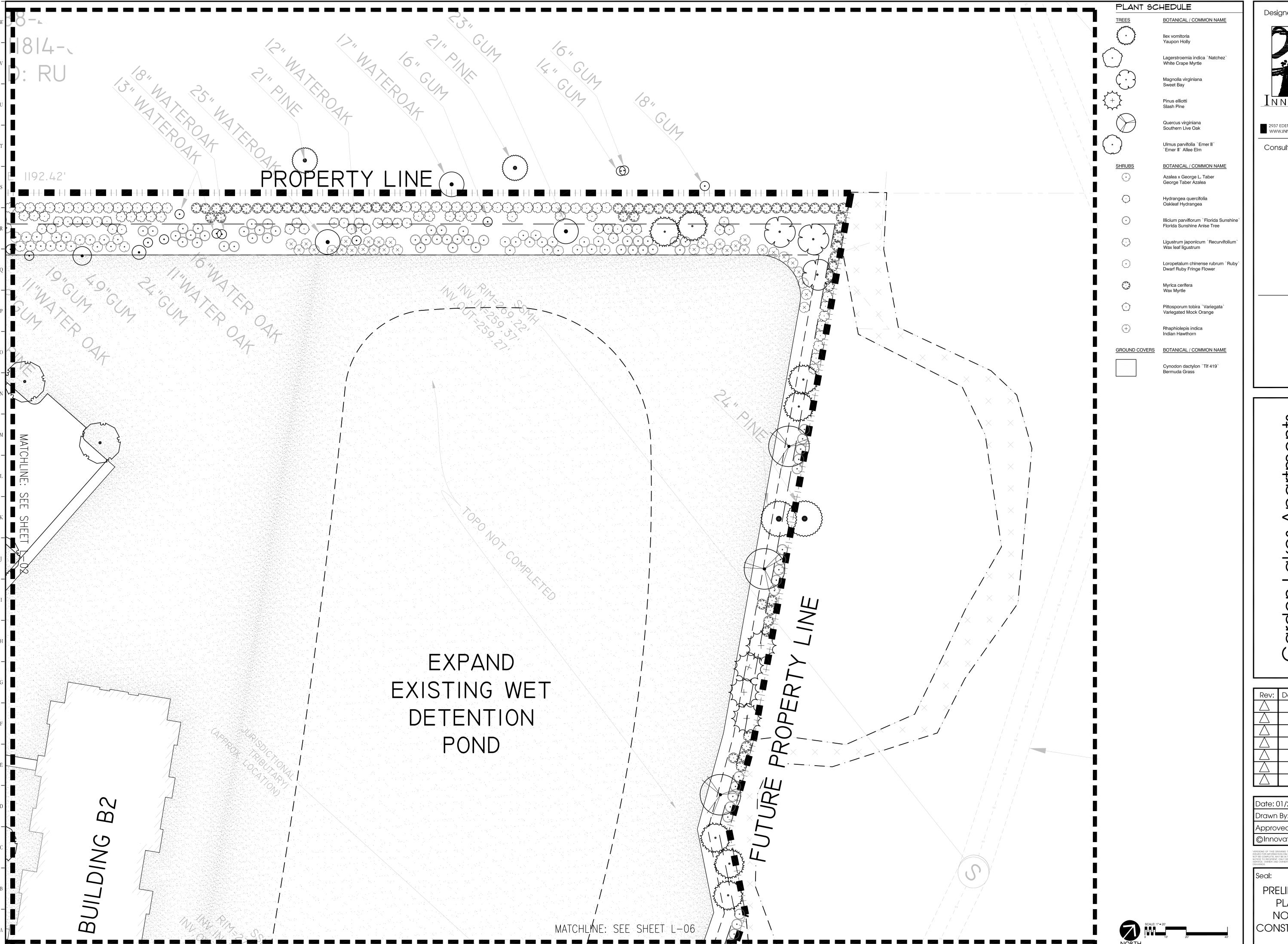
Garden Lakes Apartments
COLUMBIA, SOUTH CAROLINA
LANDSCAPE PLAN

Rev:	Date:	Description:	Ву:
\triangle			
$\overline{\ \ }$			

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR Project No:210		
©Innovations Design Group, Inc.		

VERSIONS OF THIS DRAWING THAT DO NOT BEAR THE SEAL AND SIGNATURE OF THE ARCHITECT RESPONSIBLE FOR THIS SUED FOR INFORMATION ONLY AND ARE NOT INTENDED OR SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRAWING THE COMPLETE, MAY BE IN THE PROJECT STREET OF THE ARCHITECT WIND BY COMPLETE, MAY BE IN THE PROJECT OF DEVELOPMENT, AND IS SUBJECT TO MODIFICATIONS BY THE ARCHITECT WINDIGG TO RECIPIENT. ONLY SEALED AND SIGNED DRAWINGS ARE AUTHORITATIVE COPIES OF THE ARCHITECTS INSTRUME SERVICE. OWNER AND OWNERS CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND DRAWINGS.

AWINGS.		
Seal:	Sheet Number:	
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	L1-02	



Designed By:

INNOVATIONS

DESTIGNED GROUP

2937 EDENVALE RD JOHNS ISLAND SC 29455

WWW.INNOVATIONS-DESIGN.COM 309-642-1117

Consultants:

Ita Sunshine'
eee
curvifolium'
orum 'Ruby'

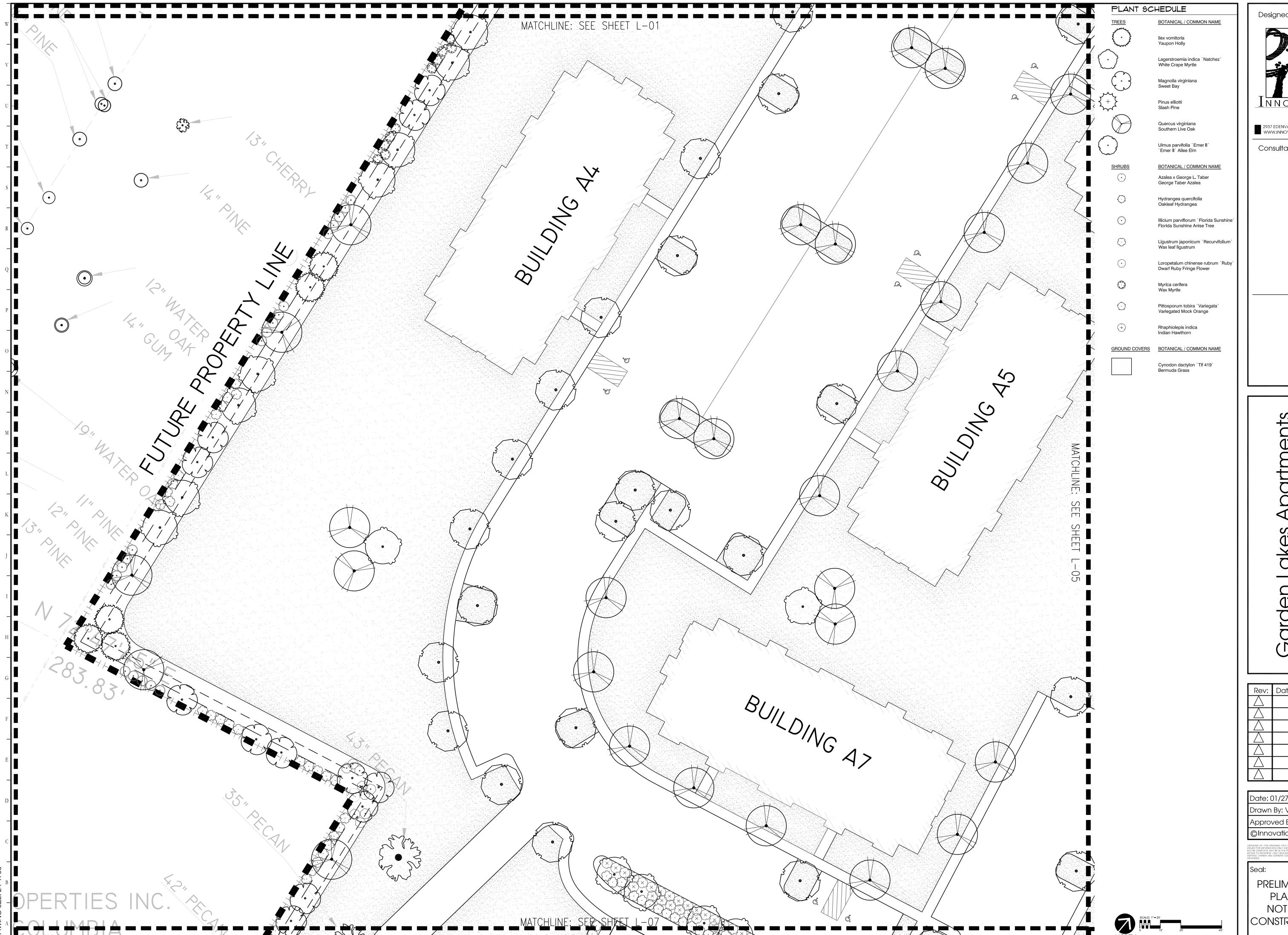
arden Lakes Apartments
COLUMBIA, SOUTH CAROLINA

Rev:	Date:	Description:	By:

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR	Project No:21001	
OInnovations Design Group, Inc.		

ISSUED FOR INFORMATION ONLY AND ARE NOT INTENDED OR SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRAWNIN NOT BE COMPLETE, MAY BE IN THE PROCESS OF DEVELOPMENT, AND IS SUBJECT TO MODIFICATIONS BY THE ARCHITECT WITH NOTICE TO RECIPIENT. ONLY SEALED AND SIGNED DRAWINGS ARE AUTHORITATIVE COPIES OF THE ARCHITECT IN STRUMEN SERVICE. OWNER AND OWNERS CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND S DRAWINGS.

DRAWINGS.		
Seal:	Sheet Number:	
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	L1-03	



Designed By:

INNOVATIONS
DESIGNED GROUP

2937 EDENVALE RD JOHNS ISLAND SOC 29455
WWW.JINNOVATIONS-DESIGN.COM 309-642-1117

Consultants:

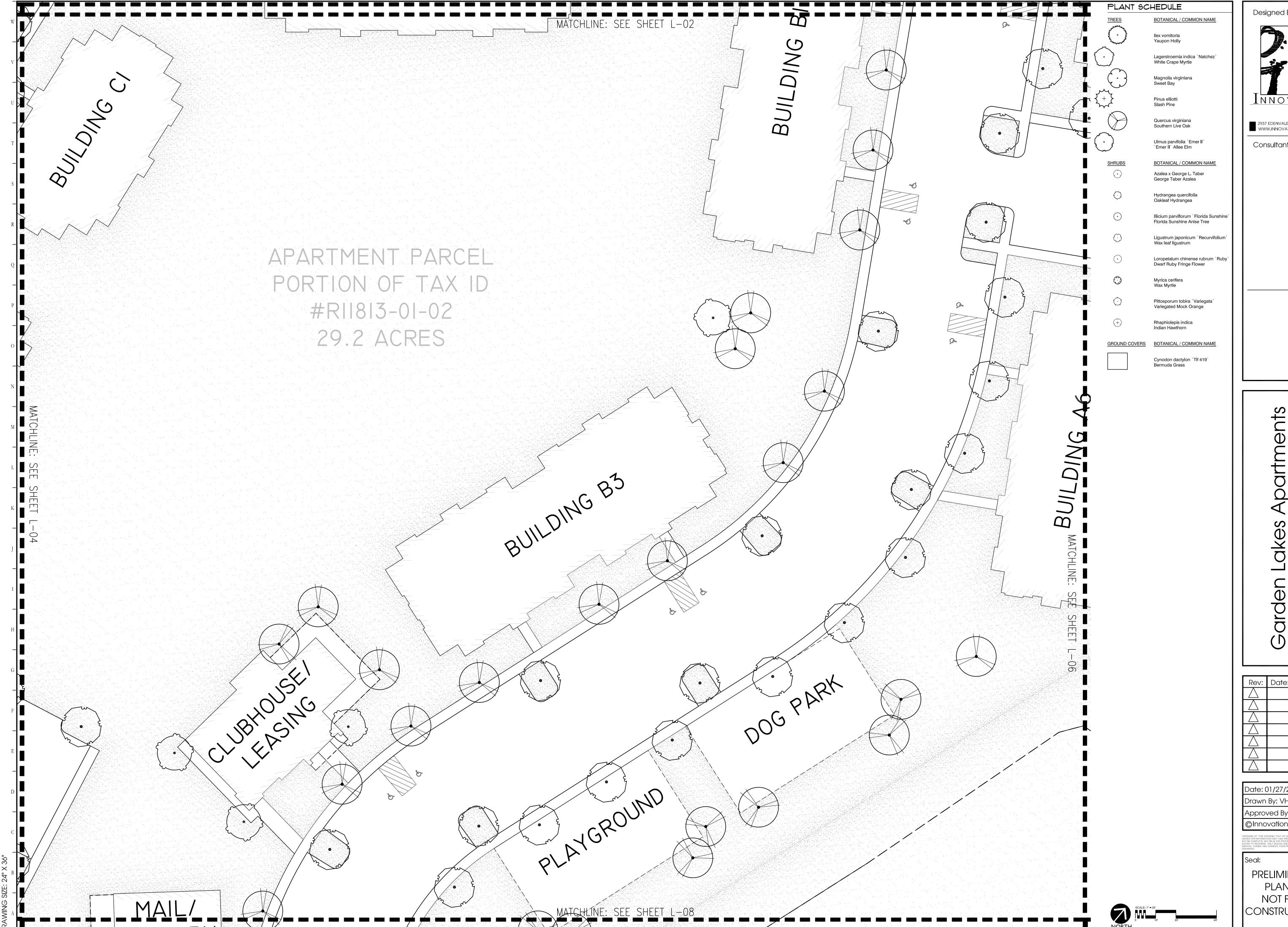
Garden Lakes Apartments
COLUMBIA, SOUTH CAROLINA
LANDSCAPE PLAN

Rev:	Date:	Description:	Ву:
\triangle			
$\overline{\ \ }$			

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR	Project No:21001	
©Innovations Design Group, Inc.		

VERSIONS OF HIS DEVANING HAT DO NOT SEAR HIS SEAL AND SIGNATURE OF HIS ARCHITECT HESS-OWNSHILLE FOR ISSUED FOR INFORMATION ONLY AND ARE NOT INTENDED OR SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRA NOT SE COMPLETE, MAY SEN THE PROCESS OF DEVELOPMENT, AND SUBJECT TO MODIFICATIONS BY THE ARCHITECT NOTICET OR RECIPIENT. ONLY SEALED AND SIGNED DEMANINGS ARE AUTHORITATIVE COPIES OF THE ARCHITECT SERVICE. OWNER AND OWNERS CONSTRUCTION CONTRACTOR WILL SE INFORMED OF MODIFICATIONS TO SEALED AN DRAWNINGS.

SERVICE. OWNER AND OWNER'S CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND SIGNED PRAWINGS.		
Seal:	Sheet Number:	
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	L1-04	



Designed By:

INNOVATIONS

DESTIGNGROUP

2937 EDENVALE RD JOHNS ISLAND SC 29455

WWW.INNOVATIONS-DESIGN.COM 309-642-1117

Consultants:

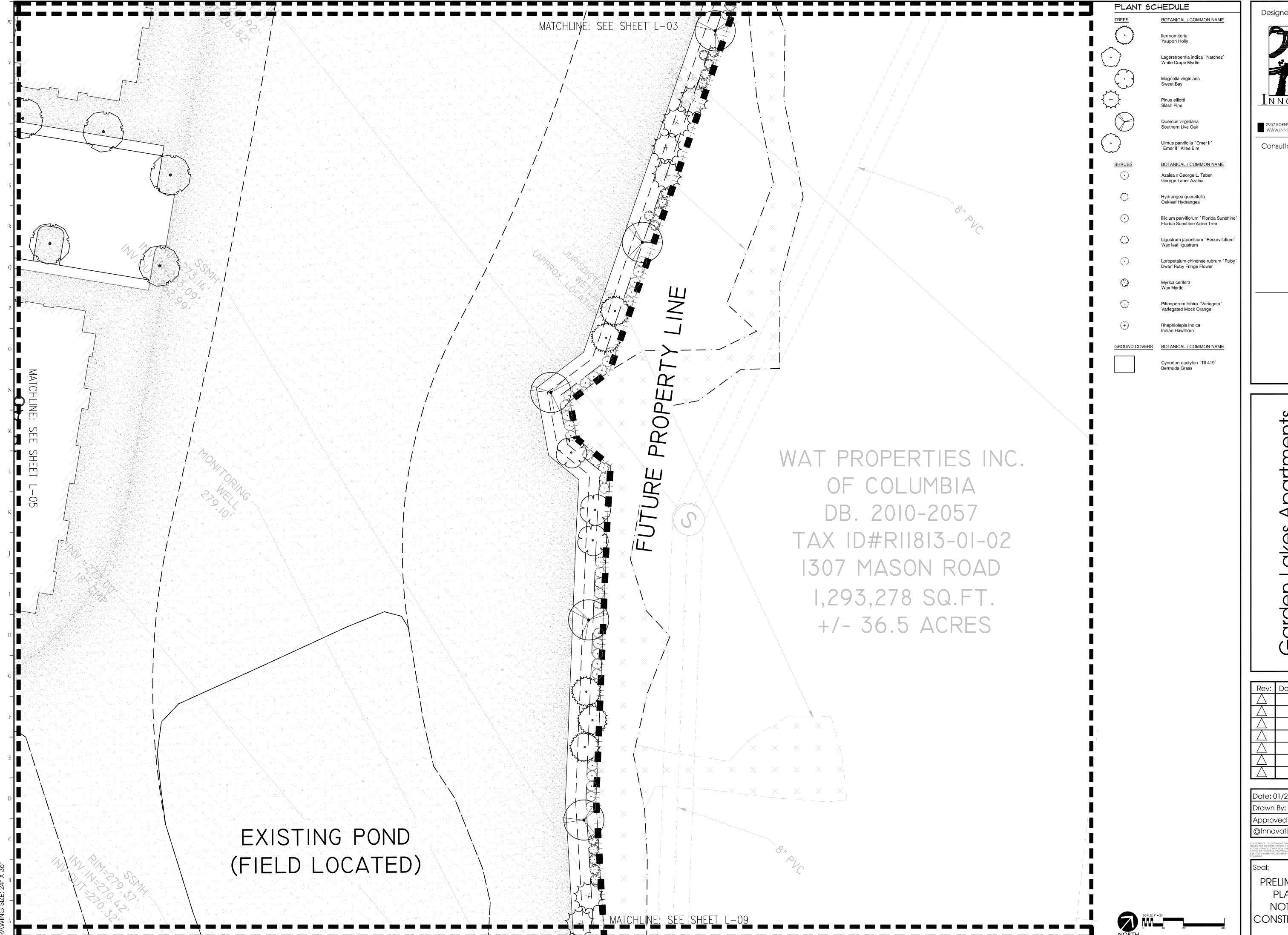
Garden Lakes Apartments
COLUMBIA, SOUTH CAROLINA
LANDSCAPE PLAN

Rev:	Date:	Description:	Ву:

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR	Project No:21001	
©Innovations Design Group, Inc.		
©Innovations Design Group, Inc.		

VERSIONS OF THIS DRAWING THAT DO NOT BEAR THE SEAL AND SIGNATURE OF THE ARCHITECT RESPONSIBLE FOR THI SISUED FOR INFORMATION ONLY AND ARE NOT INFINIDED OR SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRAWING THE REPORT OF THE PROJECT THE DRAWING AND ASSETT ON MODIFICATIONS BY THE ARCHITECT WINDIGE TO RECIPIENT. ONLY SEALED AND SIGNED DRAWINGS ARE AUTHORITATIVE COPIES OF THE ARCHITECTS INSTRUME SERVICE JOWERS AND COMPRESS CONSTRUCTION OF OTHER ADDRAWINGS AND ASSETTION OF THE ARCHITECTS INSTRUME.

SERVICE. OWNER AND OWNER'S CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND SIGNED DRAWINGS.	
Seal:	Sheet Number:
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	L1-05



Designed By:

INNOVATIONS

DESIGN GROUP

2937 EDENVALE RD JOHNS ISLAND SC 29455

WWW.INNOVATIONS-DESIGN.COM 309-642-1117

Consultants:

da Sunshine' ree

geary/follum'

brum 'Ruby' or

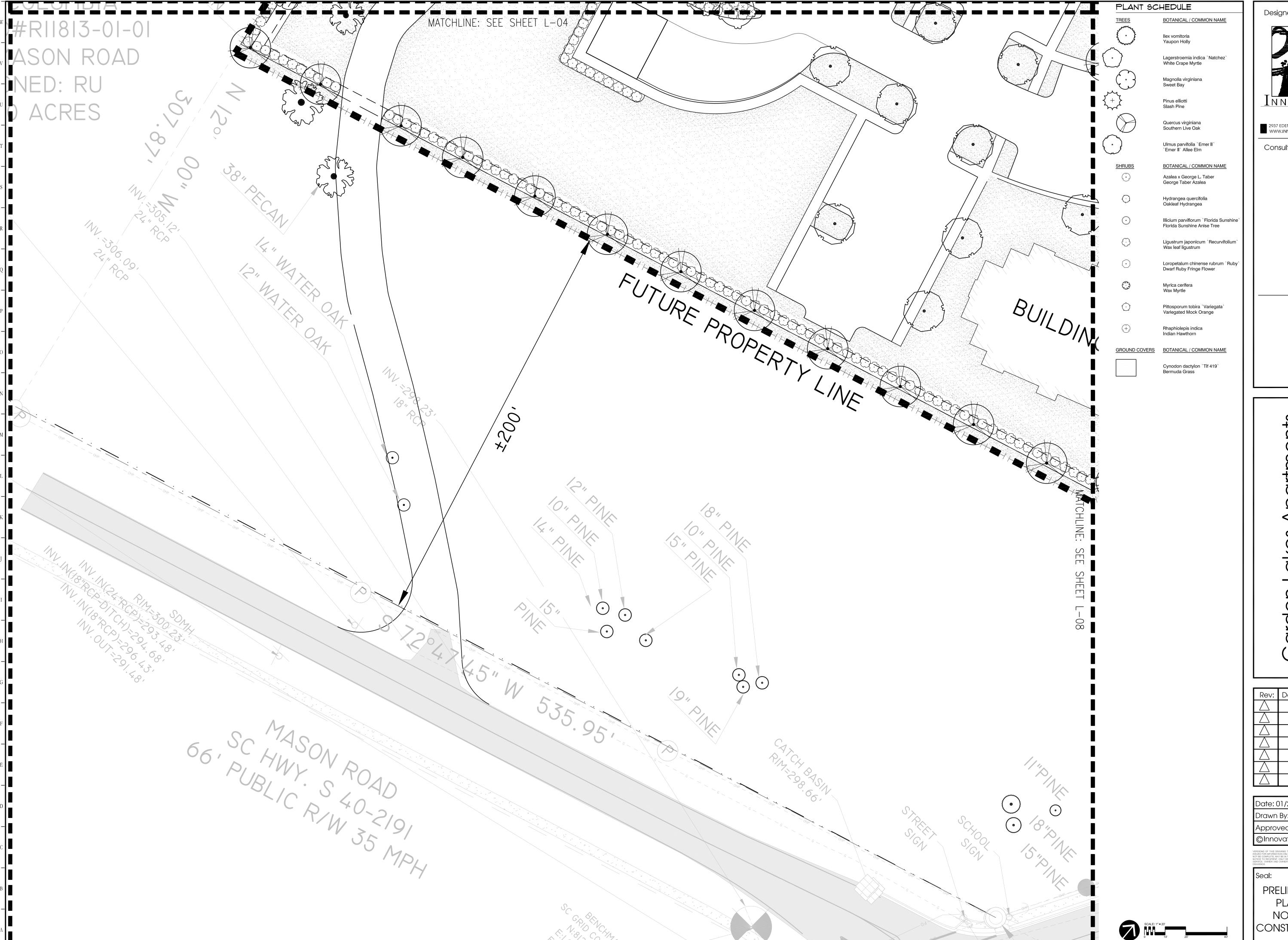
Sarden Lakes Apartments
COLUMBIA, SOUTH CAROLINA
LANDSCAPE PLAN

Rev:	Date:	Description:	Ву:
\triangle			
\triangle			
\triangle			
\wedge			

	Date: 01/27/2021	Scale: See Plan
	Drawn By: VH	Designed By: VH
	Approved By: WR	Project No:21001
©Innovations Design Group, Inc.		roup, Inc.

VERSIONS OF THIS DRAWING THAT DO NOT BEAR THE SEAL AND SIGNATURE OF THE ARCHITECT RESPONSIBLE FOR THE SISSUED FOR INFORMATION ONLY AND ARE NOT INTENDED OR SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRAWIN NOT BE COMPLETE, MAY BE IN THE PROCESS OF DEVELOPMENT, AND IS SUBJECT TO MODIFICATIONS BY THE ARCHITECT. WITH OFFICE AND ARCHITECT WITH OFFICE OF THE ARCHITECT SHISTRUMEN SERVICE. OWNER AND OWNERS CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND S DRAWINGS.

SERVICE. OWNER AND OWNER'S CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND SIGNED DRAWINGS.		
Seal:	Sheet Number:	
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	L1-06	



Designed By:

INNOVATIONS

DESTIGN GROUP

2937 EDENVALE RD JOHNS ISLAND SC 29455

WWW.INNOVATIONS-DESIGN.COM 309-642-1117

Consultants:

MAME

da Sunshine'
ree

securvifollum'

bbrum 'Ruby'
gr

Garden Lakes Apartments
COLUMBIA, SOUTH CAROLINA
LANDSCAPE PLAN

Rev:	Date:	Description:	Ву:

Date: 01/27/2021	Scale: See Plan
Drawn By: VH	Designed By: VH
Approved By: WR	Project No:21001
©Innovations Design Group, Inc.	

SUED FOR INFORMATION (ONLY AND ARE NOT INTENDED OR SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRAWING M.
TO BE COMPLETE, MAY BE IN THE PROCESS OF DEVELOPMENT, AND IS SUBJECT TO MODIFICATIONS BY THE ARCHITECT WITHOUT OF THE ARCHITECTS WITHOUT OF THE ARCHITECTS INSTRUMENTS IN RIGHT OF THE ARCHITECTS INSTRUMENTS IN RIGHT OF MODIFICATIONS TO SEALED AND SIGNIVAMINGS.

DE. OWNER AND OWNER'S CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND SIGNED NGS.		
eal:	Sheet Number:	
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	L1-07	



Designed By:

INNOVATIONS
DESTIGN GROUP

2937 EDENVALERD JOHNS ISLAND 309-642-1117

Consultants:

Sa Sunshine' see

curvifollum'

prum 'Ruby'

gata'

NAME

Garden Lakes Apartments
COLUMBIA, SOUTH CAROLINA
LANDSCAPE PLAN

Rev:	Date:	Description:	By:
\triangle			

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR	Project No:21001	
©Innovations Design Group, Inc.		

VERSIONS OF THIS DRAWNING THAT DO NOT BEART THE SEAL AND STONATORS OF THE ARCHITECT RESPONSIBLE FOR THE SEAL AND STONATOR OF THE PROJECT THE DRAWNIN NOT BE COMPLETE, MAY BE IN THE PROCESS OF DEVELOPMENT, AND IS SUBJECT TO MODIFICATIONS BY THE ARCHITECT THIS TRAWNIN NOTICE TO RECIPIENT, ONLY SEALED AND SIGNED DRAWNINGS ARE AUTHORITATIVE COPIES OF THE ARCHITECT IN INSTRUMEN SERVICE OWNER AND OWNERS CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND S DRAWNINGS.

SERVICE. OWNER AND OWNER'S CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND SIGNED DRAWINGS.		
Seal:	Sheet Number:	
PRELIMINARY PLANS - NOT FOR CONSTRUCTION	L1-08	



Designed By:

INNOVATIONS

DESIGN GROUP

2937 EDENVALE RD JOHNS ISLAND SC JO9455

WWW.INNOVATIONS-DESIGN.COM JO9-642-1117

Consultants:

Consultants:

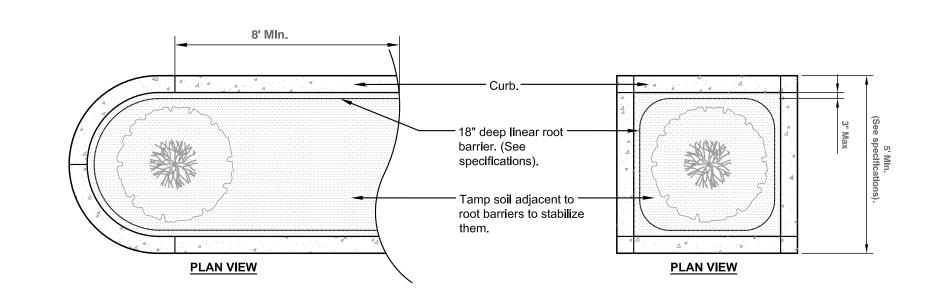
Garden Lakes Apartments
COLUMBIA, SOUTH CAROLINA
LANDSCAPE PLAN

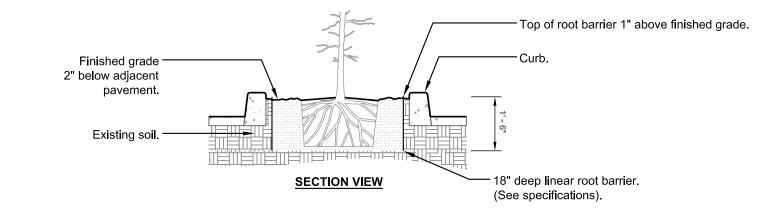
?ev:	Date:	Description:	Ву:
\triangle			
$\overline{\Delta}$			
$\overline{\Box}$			
$\overline{\Box}$			
\triangle			
$\overline{\Box}$			
$\overline{\ }$			

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR	Project No:21001	
Olnnovations Design Group, Inc.		

RISIONS OF THIS DRAWING THAT DO NOT BEAR THE SEAL AND SIGNATURE OF THE ARCHITECT RESPONSIBLE FOR THEM SUED FOR INFORMATION ONLY AND ARE NOT INTENDED OR SUITABLE FOR CONSTRUCTION OF THE PROJECT. THE DRAWING MA DEPOSIT OF THE PROJECT OF THE PROJEC

OWNER AND OWNER'S CONSTRUCTION CONTRACTOR WILL BE INFORMED OF MODIFICATIONS TO SEALED AND SIGNED S.		
al:	Sheet Number:	
PRELIMINARY PLANS - NOT FOR ONSTRUCTION	L1-09	

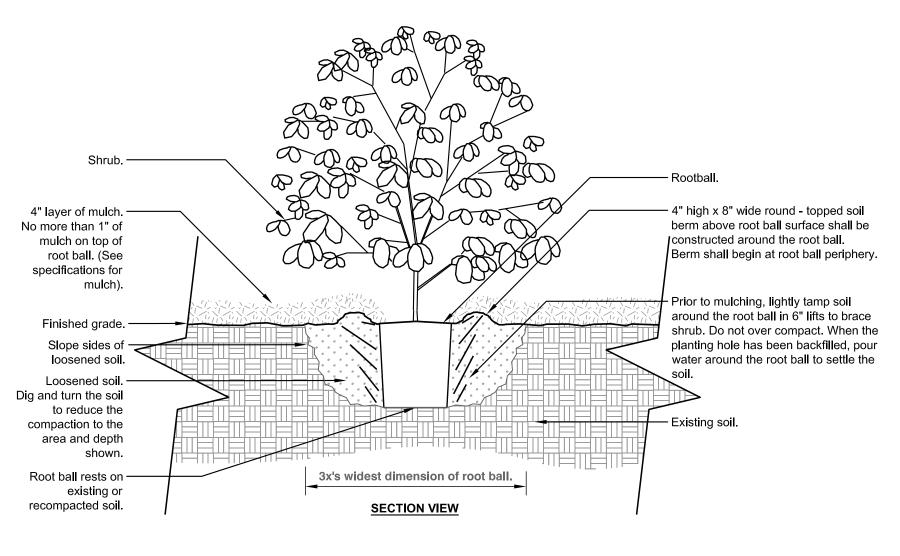




1- Root barriers shall be installed per manufacturer's specifications and recommendations.

2- Root barriers shall be installed when root ball is located within 8' of pavement.

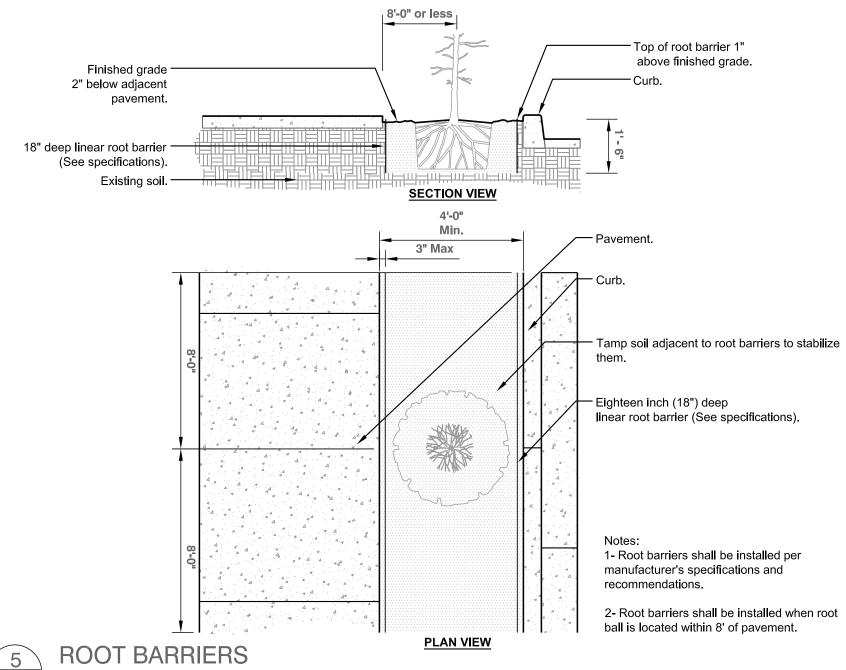
ROOT BARRIERS - PARKING LOT ISLANDS

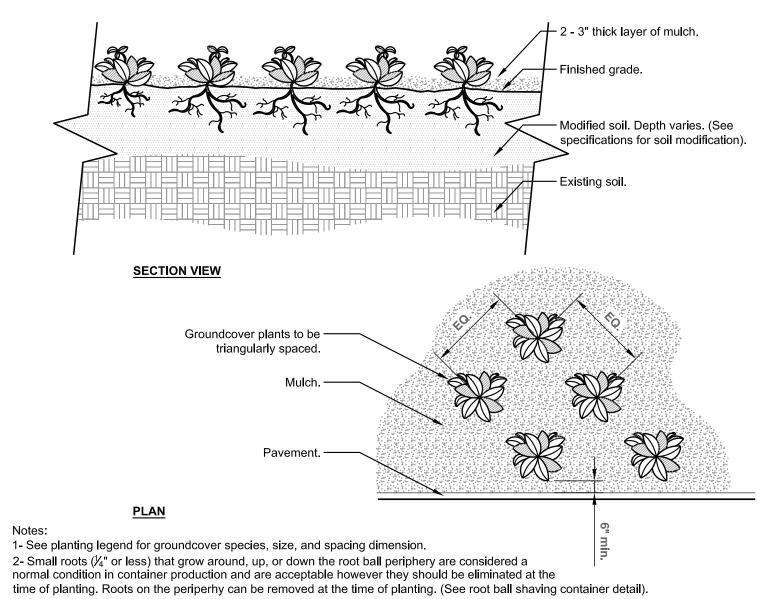


1- Shrubs shall be of quality prescribed in the root observations detail and specifications.

2- See specifications for further requirements related to this detail.

SHRUB - UNMODIFIED SOIL 2 SHRU -1-10 3/4" = 1'-0"

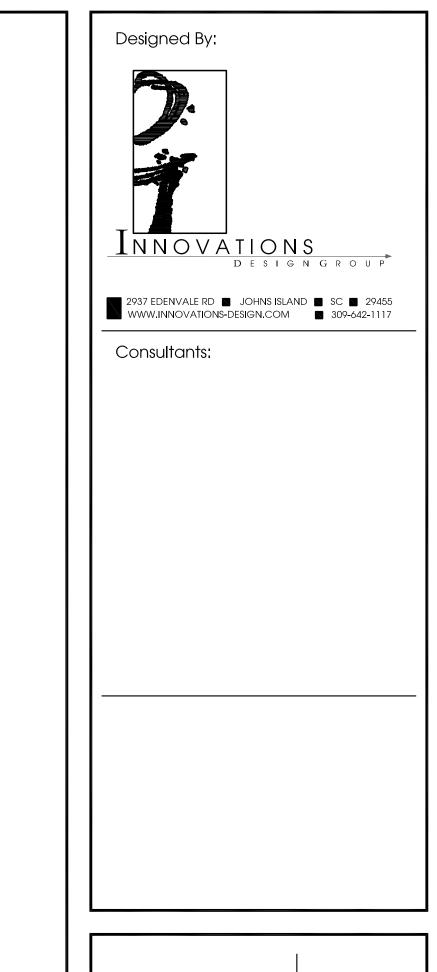




2- Small roots (¼" or less) that grow around, up, or down the root ball periphery are considered a normal condition in container production and are acceptable however they should be eliminated at the time of planting. Roots on the periperhy can be removed at the time of planting. (See root ball shaving container detail).

3- Settle soil around root ball of each groundcover prior to mulching.

GROUNDCOVER 3/4" = 1'-0"



l .				
	Rev:	Date:	Description:	Ву:
	\triangle			
	\triangle			

Date: 01/27/2021	Scale: See Plan	
Drawn By: VH	Designed By: VH	
Approved By: WR	Project No:21001	
©Innovations Design Group, Inc.		

Sheet Number: PRELIMINARY PLANS -NOT FOR CONSTRUCTION