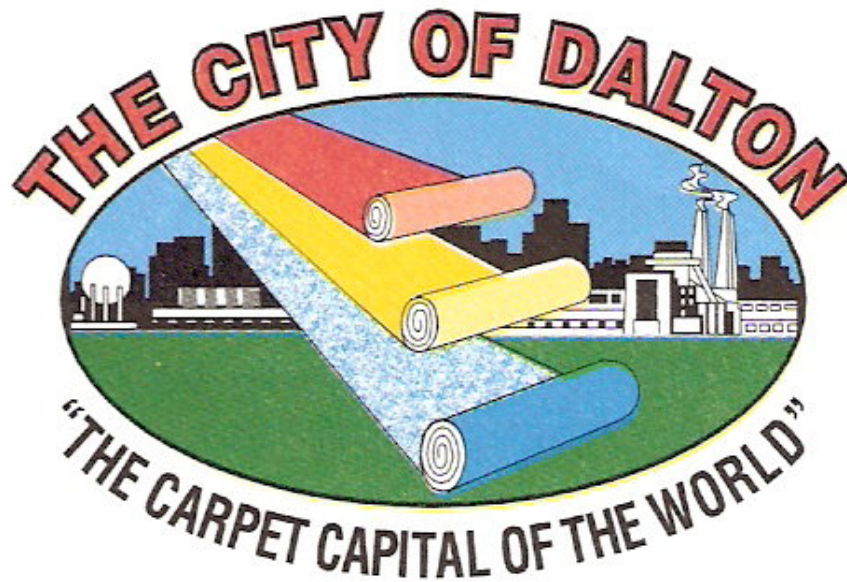


**CITY OF DALTON, GEORGIA**



**CONTRACT DOCUMENTS**

For  
**PROJECT:**

**BOTANY WOODS DRIVE SLOPE LANDSCAPE  
REPLANTING PROJECT**

**CITY OF DALTON PUBLIC WORKS DEPARTMENT  
PO BOX 1205  
DALTON, GEORGIA 30722**

**ADVERTISEMENT FOR BID**

**CITY OF DALTON, GA  
BOTANY WOODS DRIVE LANDSCAPE REPLANTING PROJECT**

Sealed bids will be received by the City of Dalton for **BOTANY WOODS DRIVE LANDSCAPE REPLANTING PROJECT** on Tuesday, October 29, 2019 until 2:00 PM at the Finance Department located at 300 W. Waugh Street, Dalton, Georgia 30722. Bids will be publicly opened and read aloud at that time.

**PROJECT DESCRIPTION**

The work consists of replanting the slope following all plans and specifications for the **BOTANY WOODS LANDSCAPE REPLANTING PROJECT**. One contract shall be awarded covering all work. The bid submitted will be for furnishing all necessary supervision, materials, labor and equipment required for satisfactorily completing the specified work. The contract completion date for this project is **January 31, 2020**.

The contractor awarded the bid must provide workers' compensation insurance for all Contractor's employees and agents, and must maintain a policy of insurance in the minimum amount of **\$1,000,000** to cover any negligent acts committed by the Contractor. Additionally, the Contractor must be able to satisfy the requirements of the City's vendor packet for service providers located on the City's website [www.cityofdalton-ga.gov](http://www.cityofdalton-ga.gov) on the Finance Department's Policies and Forms page.

In order to be considered a responsive bidder, the Contractor must be in compliance with the Georgia Security and Immigration Compliance Act and **shall submit with their bid**, a signed and notarized affidavit verifying its compliance O.C.G.A. §13-10-91, which verifies its participation in the federal work authorization program commonly known as E-Verfiy.

Contract documents, plans, and the bid package for this project may be obtained electronically via the City of Dalton's webpage <http://www.cityofdalton-ga.gov>.

Should a bidder choose to download the bid package from the City of Dalton webpage, please send a written request to be added to the Project "Bidder's List" by sending an email request to: [melliott@daltonga.gov](mailto:melliott@daltonga.gov).

Envelope containing the bid must be sealed, addressed to **CINDY JACKSON, FINANCE DIRECTOR, CITY OF DALTON, 300 W. WAUGH STREET, DALTON GA. 30721** and marked as follows: "**BID FOR PUBLIC WORKS BOTANY WOODS DRIVE LANDSCAPE REPLANTING PROJECT**".

No bid may be withdrawn after the scheduled closing time for receiving bids for a period of sixty (60) days.

The Owner reserves the right to reject any or all bids (and/or alternates) and to waive formalities and re-advertise.

CITY OF DALTON, GEORGIA

BY \_\_\_\_\_  
Megan Elliott  
Project Engineer

###

## CONTRACT FOR SERVICES

THIS AGREEMENT is made this 18th day of November, 2019, between the City of Dalton, Georgia, a municipal corporation ("City"), with a principal place of business at 535 Elm Street (PO Box 1205), Dalton, Georgia, 30722 and Keller Outdoor, Inc. ("Contractor"), with a principal place of business at 190 North Park Drive, Chatsworth, Ga 30705.

1. Term. This agreement will become effective on the date stated above and will continue in effect until the services provided for under this agreement have been performed, unless otherwise terminated as provided in this Agreement.
2. Services.
  - a. Contractor agrees to perform the services specified in the **Botany Woods Drive Landscape Replanting Project plans and specifications** attached to this Agreement as Exhibit A and incorporated herein.
  - b. Contractor will determine the method, details, and means of performing the services described in Paragraph 2(a). Unless otherwise outlined by the specifications.
  - c. Contractor may, at Contractor's own expense and responsibility, employ any assistants that contractor deems necessary to perform the services required of Contractor by this Agreement. Contractor's relationship to city shall be that of an independent contractor. Neither Contractor nor its employees shall have any right to participate in any City employee-benefit plan or program.
3. Consideration.
  - a. In consideration for the services to be performed by Contractor, City agrees to pay to Contractor under unit pricing for all trees and shrubs listed in the total base bid version of the owner provided **Bid Proposal Form**, attached hereto and incorporated herein.
  - b. In consideration for the services to be performed by the Contractor, City agrees to pay to Contractor under lump sum pricing in the amount of **\$13,700.00**, which is the total of the itemized incidentals added to by the Contractor as a modification to the owner provided **Bid Proposal Form (Proposal from Keller Outdoor, Inc.)**. No additional, or separate, payment shall be made for any overruns on the itemized incidentals or additional incidental items (labor or materials). The maximum lump sum for incidentals shall be **\$13,700.00**, and the maximum contract total shall be **\$25,724.00**.
4. Obligations of Contractor.
  - a. Contractor agrees to devote the time set forth in the **Botany Woods Drive Landscape Replanting Project plans and specification** to the performance of the services described in this agreement. Contractor may represent, perform services for, and be employed by any additional clients, persons, or companies as Contractor, in Contractor's sole discretion, sees fit.
  - b. Contractor agrees that all services described in this Agreement must be fully completed no later than **January 31, 2020**. Contractor further agrees to pay as liquidated damages the sum of **\$200** for each consecutive calendar day thereafter for unfinished work until final completion is achieved.
  - c. Contractor will supply all manpower to perform these services.
  - d. Contractor agrees to provide workers' compensation insurance for Contractor's employees and agents and agrees to hold harmless and indemnify City for any and all claims arising out of any injury, disability, or death of any of Contractor's employees or agents.
  - e. Contractor agrees to maintain a policy of insurance in the minimum amount of **\$1,000,000** to cover any negligent acts committed by Contractor or Contractor's employees or agents during the performance of any duties under this agreement. Contractor further agrees to indemnify and hold City harmless from any and all claims arising from any such negligent act or omission.
  - f. Neither this Agreement nor any duties or obligations under this Agreement may be assigned by Contractor without the prior written consent of City.
5. Obligations of City.
  - a. City agrees to give due consideration to all reasonable requests of Contractor necessary to the performance of Contractor's duties under this Agreement.

- b. Neither this Agreement nor any duties or obligations under this Agreement may be assigned by City without the prior written consent of Contractor.

6. Termination.

- a. Unless otherwise terminated as provided in this Agreement, this Agreement shall continue in force until the services provided for have been fully and completely performed and shall then terminate.
- b. This Agreement shall terminate automatically on the occurrence of any of the following events.
  - i. Bankruptcy or insolvency of either party.
  - ii. Sale of the business of Contractor.
  - iii. Death or dissolution of Contractor.
  - iv. Assignment of this Agreement by either party without the consent of the other party.
- c. If Contractor defaults in the performance of this Agreement or materially breaches any of its provisions, City, at City's option, may terminate this Agreement by giving two (2) days written notification to Contractor. For the purposes of this section, material breach of this Agreement shall be determined in the reasonable discretion of the City.
- d. Prior to execution of the contract, Contractor shall provide the City with a **Performance Bond** for **100%** of the agreed contract price, **\$25,724.00**.
- e. If City fails to pay Contractor all or any part of the compensation set forth in this Agreement on the date due, Contractor, at Contractor's option, may terminate this agreement if the failure is not remedied by City within ten (10) days after notice from Contractor that payment is overdue.

7. Miscellaneous

- a. Any notices to be given under this Agreement by either party to the other may be effected either by personal delivery in writing or by registered or certified mail, with postage prepaid and return receipt requested. Mailed notices shall be addressed to the parties at the addresses appearing in the introductory paragraph of this Agreement. However, each party may change the address for receipt of notice by giving written notice in accordance with this paragraph. Notices delivered personally will be deemed communicated at the time of delivery. Mailed notices will be deemed communicated two (2) days after mailing.
- b. This Agreement supersedes any and all agreements, both oral and written, between the parties with respect to the rendering of services by Contractor for city and contains all of the covenants and agreements between the parties with respect to the rendering of these services in any manner whatsoever. Each party acknowledges that no representations, inducements, promises, or agreements, written or oral, have been made by either party, or by anyone acting on behalf of either party, that are not embodied in this Agreement. Any modification of this Agreement will be effective only if it is in writing signed by the party to be charged.
- c. If any provision of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions will nevertheless continue in full force without.
- d. This Agreement will be governed by and construed in accordance with the laws of the State of Georgia.
- e. The parties agree that in the event that any suit or proceeding is brought in connection with this Agreement, such suit or proceeding shall be brought in the Superior Court of Whitfield County, Georgia and the parties shall submit to the exclusive jurisdiction of such Court and hereby waive any and all jurisdiction, venue, and inconvenient forum objections to such Court.
- f. All work performed under this Contract shall be fully guaranteed by the Contractor until satisfactory leafout, as determined by the City Arborist, from the date of final inspection and acceptance by the City.

Executed at Dalton, Georgia on the date first written above.

CITY:  
The City of Dalton, Georgia

CONTRACTOR:

By: \_\_\_\_\_.

By: \_\_\_\_\_.

Print Name: Dennis Mock, Mayor \_\_\_\_\_.

Print Name: \_\_\_\_\_.

**SECURITY AND IMMIGRATION COMPLIANCE**

**Contractor Affidavit under O.C.G.A. § 13-10-91(b) (1)**

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of **GEORGIA DEPARTMENT OF HUMAN SERVICES** has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

SLIN0867

Federal Work Authorization User Identification Number

2014

Date of Authorization

Keller Outdoor, INC.

Name of Contractor

Botany Woods

Name of Project

**GEORGIA DEPARTMENT OF HUMAN SERVICES**

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on October 11, 2019 in Chatsworth (city), Georgia (state).

Jim Akell

Signature of Authorized Officer or Agent

Jim Akell

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME  
ON THIS THE 11<sup>th</sup> DAY OF OCTOBER, 201 9.

Kathy Hogan Green  
NOTARY PUBLIC

My Commission Expires:

\_\_\_\_\_


KATHY HOGAN GREEN  
NOTARY PUBLIC  
Murray County  
State of Georgia  
My Comm. Expires March 12, 2021



**Bid Proposal Form- Botany Woods Drive Landscape Replanting Project**

Item Number	Item Description	Quantity	Unit	Bid Unit Price	Total Cost
702-0049	AMELANCHIER ARBOREA / DOWNEY SERVICEBERRY - 1.5 INCH MIN CAL, 8 FT	6.0	EA	\$ 95	\$ 570
702-0007	ACER BUERGERIANUM / TRIDENT MAPLE - 1.5 INCH MIN CAL, 8 FT	4.0	EA	\$ 95	\$ 380
702-0015	ACER FLORIDANUM / SOUTHERN SUGAR MAPLE - 1.5 INCH MIN CAL, 8 FT	8.0	EA	\$ 90	\$ 720
702-0030	ACER RUBRUM 'OCTOBER GLORY' / OCTOBER GLORY RED MAPLE - 1.5 INCH MIN CAL, 8 FT	3.0	EA	\$ 90	\$ 270
702-0140	CERCIS CANADENSIS 'FOREST PANSY' / FOREST PANSY REDBUD - 1.5 INCH MIN CAL, 8 FT	14.0	EA	\$ 105	\$ 1,470
702-0183	CORNUS KOUSA / KOUSA DOGWOOD - 1.5 INCH MIN CAL, 8 FT	15.0	EA	\$ 90	\$ 1,350
702-0268	FAGUS GRANDIFOLIA / AMERICAN BEECH - 1.5 INCH MIN CAL, 8 FT	3.0	EA	\$ 85	\$ 255
702-0800	PLATANUS OCCIDENTALIS / AMERICAN SYCAMORE - 1.5 INCH MIN CAL, 8 FT	5.0	EA	\$ 85	\$ 425
702-0880	QUERCUS FALCATA / SOUTHERN RED OAK - 1.5 INCH MIN CAL, 8 FT	9.0	EA	\$ 90	\$ 810
702-0909	QUERCUS STELLATA / POST OAK - 1.5 INCH MIN CAL, 8 FT	4.0	EA	\$ 85	\$ 340
702-0855	QUERCUS ALBA / WHITE OAK - 1.5 INCH MIN CAL, 8 FT	5.0	EA	\$ 90	\$ 450
702-1081	ULMUS AMERICANA / AMERICAN ELM - 1.5 INCH MIN CAL, 8 FT	5.0	EA	\$ 90	\$ 450
702-1072	THUJA 'GREEN GIANT' / GREEN GIANT ARBORVITAE - 1.5 INCH MIN CAL, 8 FT	12.0	EA	\$ 105	\$ 1,260
702-1072	THUJA OCCIDENTALIS 'NIGRA' / DARK AMERICAN ARBORVITAE - 1.5 INCH MIN CAL, 8 FT	11.0	EA	\$ 105	\$ 1,155
<b>TOTAL TREES</b>		<b>104</b>		<b>Subtotal</b>	<b>\$ 9,905</b>
702-0106	CALICARPA AMERICANA / AMERICAN BEAUTYBERRY - 3 GAL	21.0	EA	\$ 15	\$ 315
702-0106	HYDRANGEA QUERCIFOLIA / OAK LEAF HYDRANGEA - 3 GAL	31.0	EA	\$ 18	\$ 558
702-0479	ITEA VIRGINICA / VIRGINIA SWEETSPICE - 3 GAL	27.0	EA	\$ 16	\$ 432
702-0924	RHODODENDRON 'ROBLEO' / AUTUMN BELLE BICOLOR AZALEA - 3 GAL	37.0	EA	\$ 22	\$ 814
<b>TOTAL SHRUBS</b>		<b>116</b>		<b>Subtotal</b>	<b>\$ 2,119</b>
				<b>Total Base Bid</b>	<b>\$12,024</b>

Company Name: Keller Outdoor, Inc.

Authorized Bid Rep. Signature:  - Zach Brown

Authorized Bid Rep. Title: Operations Manager

Plus See  
 Below \$13,700  
 Total \$25,724

50 yds of Hardwood Mulch	\$ 18.00	=	\$ 900
138 Tree Stake Material	\$ 7.97	=	\$ 1,100
Labor & Equipment to Plant Trees		=	\$ 8,100
Labor & Equipment for mulch		=	\$ 2,700
Estimated performance Bond		=	\$ 900
			<u>\$13,700</u>





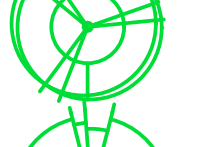



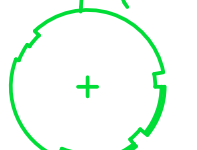
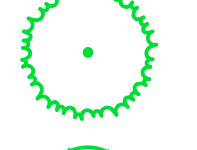
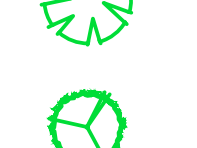
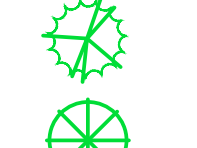

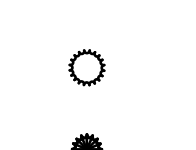
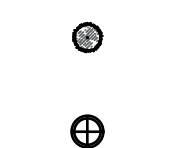

**EXHIBIT A:**

*Botany Woods Landscape  
Replanting Project -  
Plans and Specifications*





TREE REPLACEMENT LIST									
QTY	BOTANICAL NAME	COMMON NAME	CALIPER	MIN. HT.	MIN. WIDTH	SPACING	NOTES	% GENUS	% OVERSTORY
6	Amelanchier arborea	Downey Serviceberry	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	4.3%	4.3%
4	Acer buergerianum	Trident Maple	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	2.9%	2.9%
8	Acer floridanum	Southern Sugar Maple	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	5.8%	5.8%
3	Acer rubrum 'October Glory'	October Glory' Red Maple	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	2.2%	2.2%
14	Cercis canadensis	Eastern Redbud	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	10.1%	
15	Cornus kousa	Kousa Dogwood	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	10.9%	
3	Fagus grandifolia	American Beech	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	2.2%	2.2%
10	Pinus echinata	Shortleaf Pine (Bare Root)	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	7.2%	
24	Pinus taeda	Loblolly Pine (Bare Root)	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	17.4%	
5	Platanus occidentalis	American Sycamore	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	3.6%	3.6%
9	Quercus falcata	Southern Red Oak	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	6.5%	6.5%
4	Quercus stellata	Post Oak	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	2.9%	2.9%
5	Quercus alba	White Oak	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	3.6%	3.6%
5	Ulmus americana	American Elm	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	3.6%	3.6%
12	Thuja (standish x plicata) 'Green Giant'	Green Giant Arborvitae	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	8.7%	
11	Thuja occidentalis 'Nigra'	Dark American Arborvitae	1.5"	8'	6'	Per Plan	Full, Healthy, Free Of Pests, Straight Leader	8.0%	
115	TOTAL SHADE TREES	83.3%					TOTAL OVERSTORY %		38%
23	TOTAL EVERGREEN TREES	16.7%							
138	TOTAL TREES								

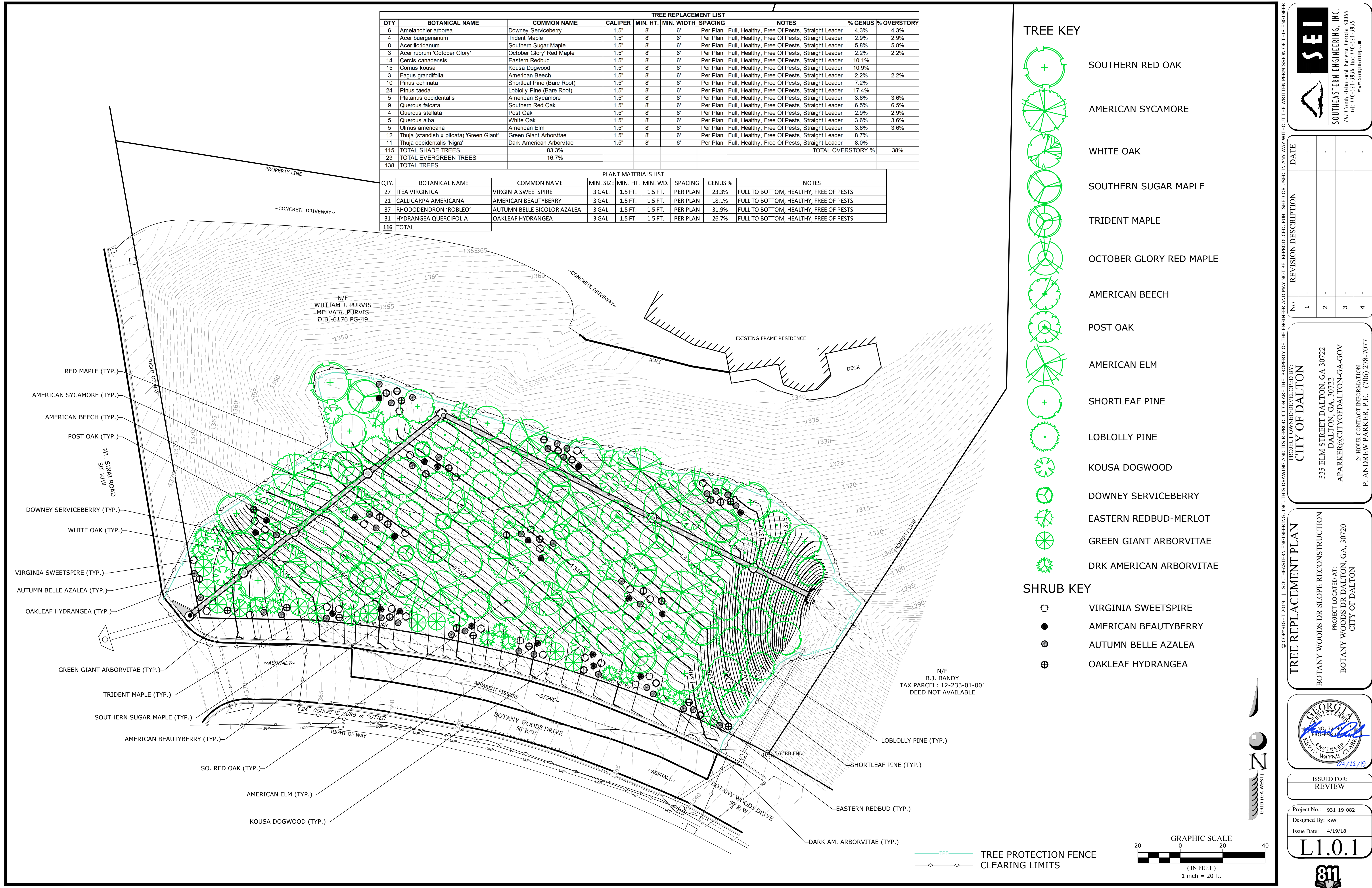
PLANT MATERIALS LIST								
QTY.	BOTANICAL NAME	COMMON NAME	MIN. SIZE	MIN. HT.	MIN. WD.	SPACING	GENUS %	NOTES
27	ITEA VIRGINICA	VIRGINIA SWEETSPIRE	3 GAL.	1.5 FT.	1.5 FT.	PER PLAN	23.3%	FULL TO BOTTOM, HEALTHY, FREE OF PESTS
21	CALICARPA AMERICANA	AMERICAN BEAUTYBERRY	3 GAL.	1.5 FT.	1.5 FT.	PER PLAN	18.1%	FULL TO BOTTOM, HEALTHY, FREE OF PESTS
37	RHODODENDRON 'ROBLEO'	AUTUMN BELLE BICOLOR AZALEA	3 GAL.	1.5 FT.	1.5 FT.	PER PLAN	31.9%	FULL TO BOTTOM, HEALTHY, FREE OF PESTS
31	HYDRANGEA QUERCIFOLIA	OAKLEAF HYDRANGEA	3 GAL.	1.5 FT.	1.5 FT.	PER PLAN	26.7%	FULL TO BOTTOM, HEALTHY, FREE OF PESTS
116	TOTAL							

TREE KEY

-  SOUTHERN RED OAK
-  AMERICAN SYCAMORE
-  WHITE OAK
-  SOUTHERN SUGAR MAPLE
-  TRIDENT MAPLE
-  OCTOBER GLORY RED MAPLE
-  AMERICAN BEECH
-  POST OAK
-  AMERICAN ELM
-  SHORTLEAF PINE
-  LOBLOLLY PINE
-  KOUSA DOGWOOD
-  DOWNEY SERVICEBERRY
-  EASTERN REDBUD-MERLOT
-  GREEN GIANT ARBORVITAE
-  DRK AMERICAN ARBORVITAE

SHRUB KEY

-  VIRGINIA SWEETSPIRE
-  AMERICAN BEAUTYBERRY
-  AUTUMN BELLE AZALEA
-  OAKLEAF HYDRANGEA



FILE NAME: I:\CUSTOMERS\_PROJECTS\031-19-082\_Botany Woods Drive\Eng\Construction\031-19-082\_L-PLAN.dwg PLOT STYLE: SEE-BASE-M.ctb PLOT DATE: 5/23/2019 USER: BRYAN GROVES

THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTORS CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL UTILITIES WITHIN THE LIMITS OF THE WORK. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IT IS THE OWNER/DEVELOPER'S RESPONSIBILITY TO VERIFY EXISTING UTILITY CAPACITY PRIOR TO INITIATING DESIGN. THE ENGINEER MAKES NO GUARANTEES, NEITHER EXPRESSED OR IMPLIED, REGARDING EXISTING UTILITY LOCATION, CAPACITY OR CONDITION.

**SEL**  
**SOUTHEASTERN ENGINEERING, INC.**  
 2410 Sandy Plains Road Marietta, Georgia 30066  
 Tel: 770-371-9516 Fax: 770-371-3935  
 www.seengineering.com

DATE	REVISION DESCRIPTION

**CITY OF DALTON**  
 PROJECT OWNED/DEVELOPED BY:  
 535 ELM STREET DALTON, GA 30722  
 DALTON, GA, 30722  
 APARKER@CITYOFDALTON-GA-GOV  
 P. ANDREW PARKER, P.E. (706) 278-7077

**TREE REPLACEMENT PLAN**  
 BOTANY WOODS DR. SLOPE RECONSTRUCTION  
 PROJECT LOCATED AT:  
 BOTANY WOODS DR DALTON, GA, 30720  
 CITY OF DALTON

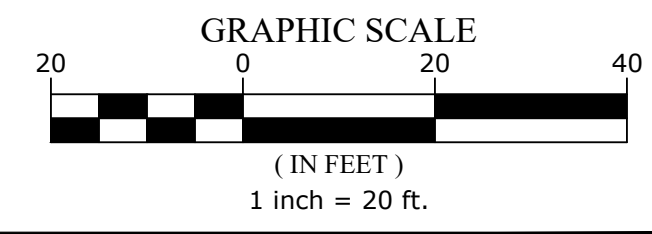
**GEORGIA REGISTERED PROFESSIONAL ENGINEER**  
 NO. 32496  
 KEVIN WAYNE CLARK  
 04/22/19

ISSUED FOR:  
 REVIEW

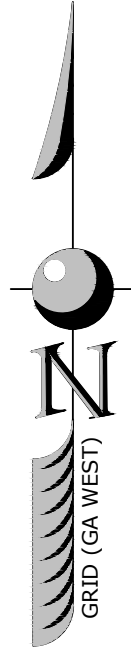
Project No: 931-19-082  
 Designed By: KWC  
 Issue Date: 4/19/18

**L1.0.1**

**811**  
 Know what's below.  
 Call before you dig.



— TPF — TREE PROTECTION FENCE  
 — CLEARING LIMITS



931-19-082



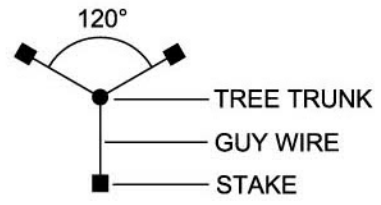
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## GENERAL NOTES

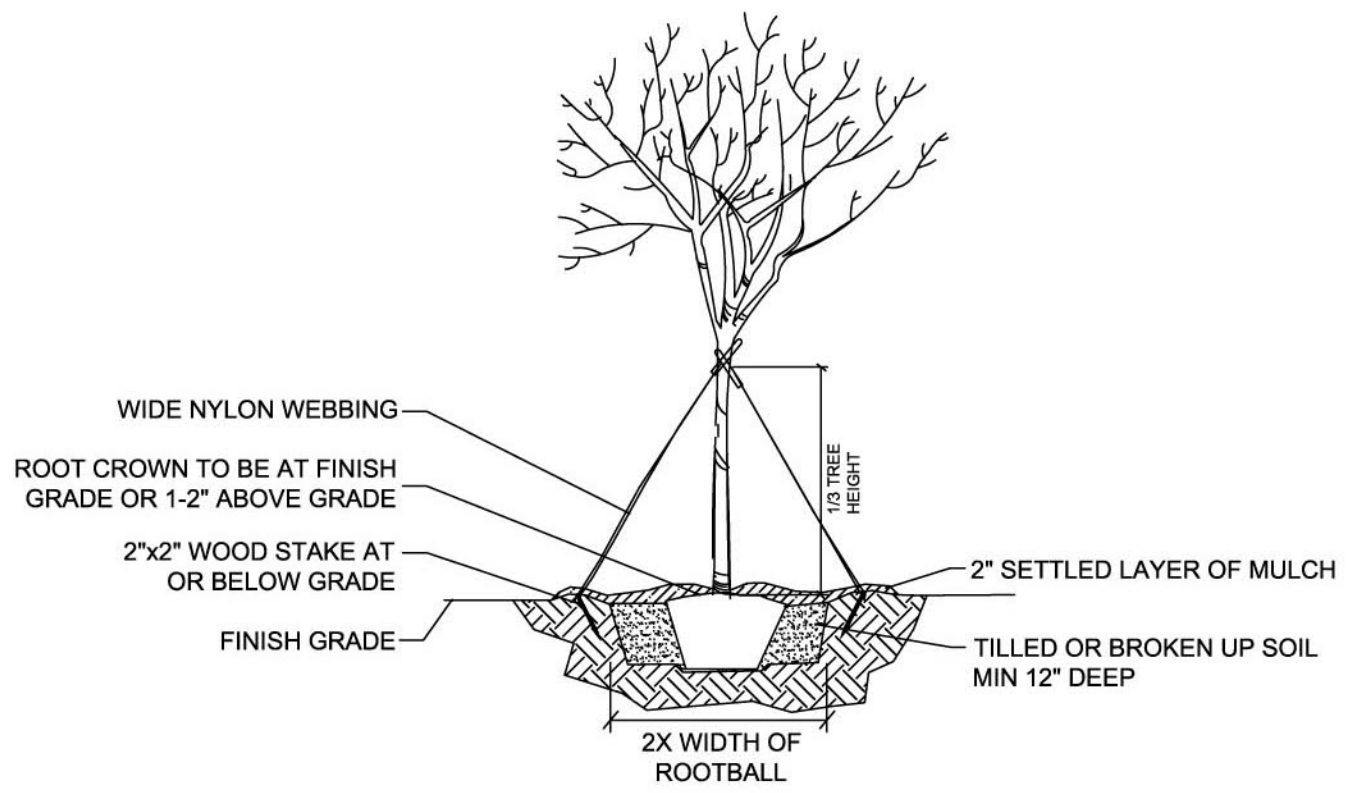
1. PRIOR TO CONSTRUCTION, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC., WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
2. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ACCURATE PLANT COUNTS PRIOR TO PRICING OF TREE, SHRUBS, PERENNIALS, ANNUALS, GROWDCOVERS, SOD, SEED AND PINE STRAW.
3. QUANTITIES ARE GIVEN FOR CONVENIENCE ONLY. THE LANDSCAPE CONTRACTOR SHALL VERIFY PLANT COUNT FROM PLAN, AND SHALL PROVIDE AND INSTALL ALL PLANT MATERIAL SHOWN ON THE PLAN.
4. ALL PLANT MATERIAL CHOSEN MUST BE FREE OF DISEASE AND PESTS, BE OF GOOD QUALITY, WELL-SHAPED AND BRANCHED.
5. ALL PLANTS MUST BE CONTAINER-GROWN OR BALLED AND BURLAPPED (B&B).
6. ALL TREES MUST BE STRAIGHT TRUNKED, FULL HEADED AND MEET ALL REQUIREMENTS AS SPECIFIED.
7. ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE ARBORIST AND THE OWNER, BEFORE, DURING AND AFTER INSTALLATION.
8. ALL TREES MUST BE GUYED OR STAKED WHERE DIRECTED BY THE CITY ARBORIST.
9. ALL PLANTS AND PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
10. SUPPLY OF BARE ROOT PINE SAPPLINGS BY THE CITY OF DALTON, BUT CONTRACTOR IS REponsible FOR PLANTING. DELIVERY WILL BE MADE ON DECEMBER 5<sup>TH</sup>, 2019. TIME IS OF THE ESSENCE WHEN PLACING THEM IN THE GROUND ONCE RECEIVED.
11. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTINGS (INCLUDING, BUT NO LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.), UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE ARBORIST AND/OR THE OWNER (OR THEIR AUTHORIZED REPRESENTATIVES).
12. THE LANDSCAPE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL UNTIL SATISFACTORY LEAFOUT, AS DETERMINED BY THE CITY ARBORIST, BEGINNING AT THE DATE OF FINAL ACCEPTANCE. THE LANDSCAPE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE THE END OF THE GUARANTEE PERIOD (AS PER DIRECTION OF THE OWNER).
13. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK), SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
14. THERE WILL BE NO ADDITIONAL PAYMENT MADE FOR INCIDENTAL MATERIALS REQUIRED BY THE PLANTING DETAILS.

NOTES FOR DETAILS 1A & 2A: TREE PLANTING (>2" CAL.)

1. ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH THE AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1-2004). PLANT ACCORDING TO ANSI A300 PART 6.
2. DIG THE PLANTING HOLE A MINIMUM OF 2X WIDTH OF ROOTBALL FOR AT LEAST THE FIRST 12 INCHES OF DEPTH. BELOW 12 INCHES, DIG HOLE WIDE ENOUGH TO PERMIT ADJUSTING. DO NOT DIG THE HOLE DEEPER THAN ROOTBALL DEPTH.
3. SCARIFY THE SUBGRADE AND SIDES OF THE PLANTING HOLE WHEN PLANTING IN CLAY SOILS (MORE THAN 15% CLAY).
4. LIFT AND SET THE TREE BY ROOTBALL ONLY. DO NOT LIFT USING THE TREE TRUNK AND DO NOT USE TREE TRUNK AS A LEVER.
5. SET THE TOP OF THE ROOTBALL LEVEL WITH THE SOIL SURFACE OR SLIGHTLY HIGHER IF THE SOIL IS PRONE TO SETTLING.
6. IF CONTAINER GROWN PLANT, GENTLY SLIDE PLANT OUT OF CONTAINER. DISTURB THE ROOTS.
7. AFTER THE TREE IS SET IN PLACE, REMOVE BURLAP, WIRE AND STRAPS FROM AT LEAST THE UPPER 1/3 OF THE ROOTBALL.
8. BACKFILL WITH EXISTING SOIL THAT HAS BEEN WELL-TILLED OR BROKEN UP. DO NOT ADD AMENDMENTS TO THE BACKFILL SOIL. AMEND THE SURFACE WITH MULCH.
9. USE THREE 2" X 2" WOOD STAKES DRIVEN INTO UNDISTURBED SOIL A MINIMUM OF 16 INCHES. SPACE STAKES EQUALLY AROUND THE TREE.
10. ATTACH 3/4" NYLON WEBBING TO CONNECT THE TREE TO STAKES. ATTACH WEBBING AT 1/3 THE TREE HEIGHT.
11. APPLY A 2-3" (SETTLED) DEPTH OF BARK MULCH TO THE PLANTING SURFACE. LEAVE A 2" SPACE AROUND THE TRUNK FOR AIR CIRCULATION.
12. PRUNING SHALL BE LIMITED TO DEAD, DISEASED, OR BROKEN LIMBS ONLY AND SHALL BE IN ACCORDANCE WITH ANSI A300 SPECIFICATIONS.
13. REMOVE ANY TRUNK WRAP REMAINING AT TIME OF PLANTING. NO WRAPS SHALL BE PLACED ON TRUNK.



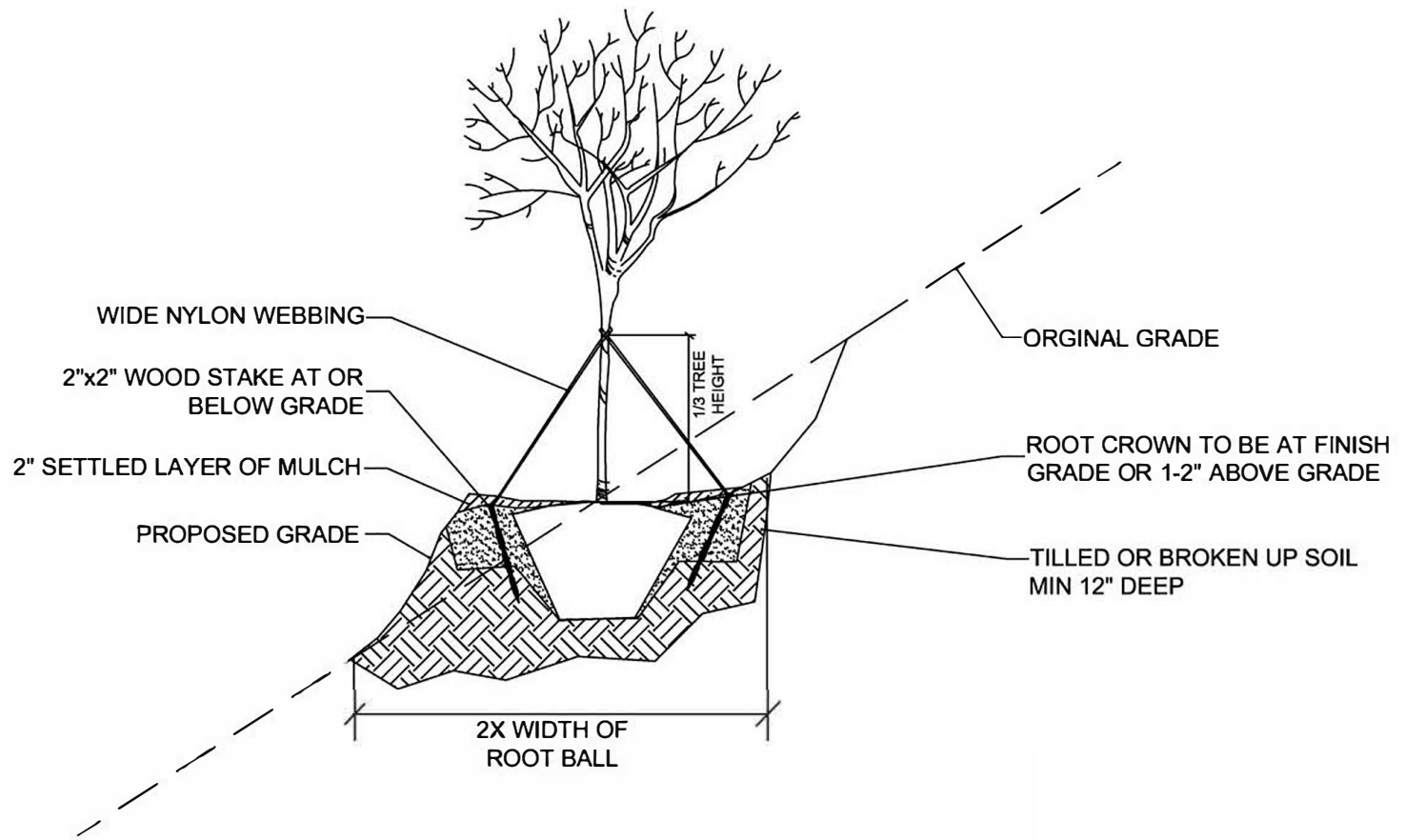
**PLAN VIEW**



**1A TREE PLANTING (>2" CAL.)**

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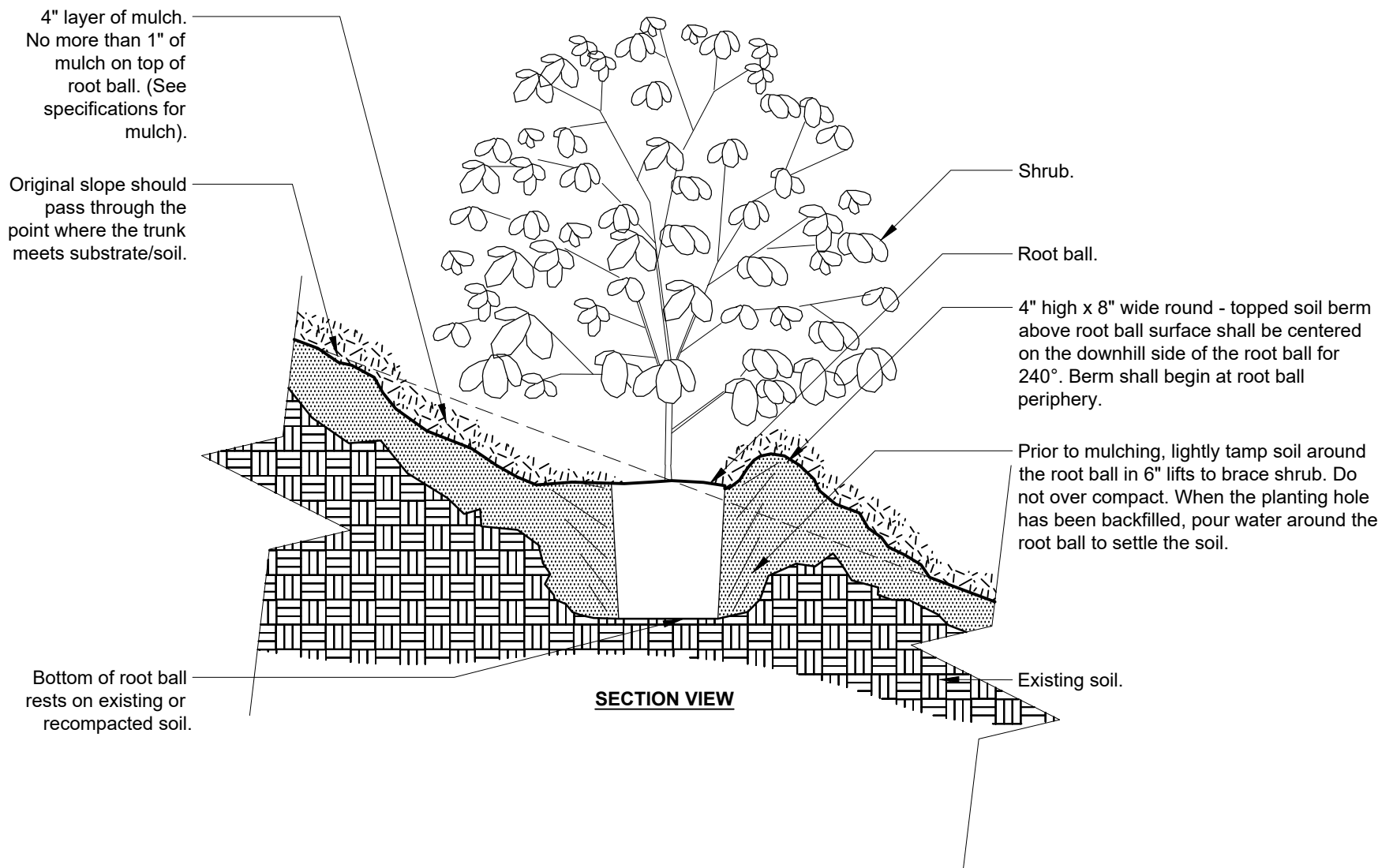
NOT TO SCALE



2A TYP. TREE PLANTING ON SLOPE  
NOT TO SCALE

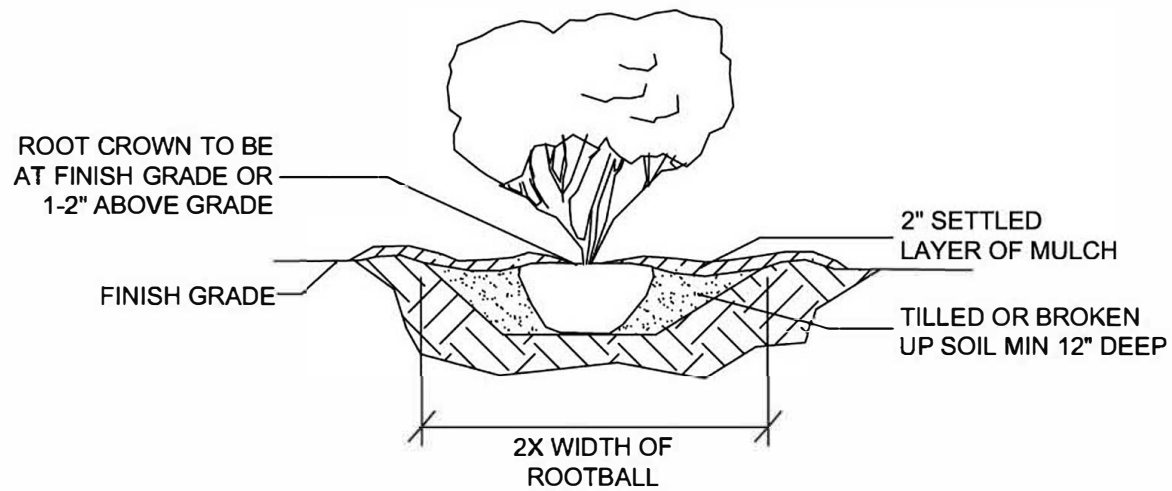
NOTES FOR DETAILS 1B & 2B: TYPICAL SHRUB PLANTING, INDIVIDUAL PLANTING HOLE

1. DIG PLANTING HOLE AT LEAST 2X THE WIDTH OF THE ROOT BALL OR CONTAINER.
2. SCARIFY SUBGRADE AND SIDES OF PLANTING HOLE WHEN PLANTING IN CLAY SOIL.
3. SET THE TOP OF THE ROOT BALL LEVEL WITH THE SOIL SURFACE, OR 1-2" ABOVE IF THE SOIL IS PRONE TO SETTLING.
4. IF CONTAINER GROWN PLANT, GENTLY SLIDE PLANT OUT OF CONTAINER. DISTURB THE ROOTS.
5. IF B&B PLANT, REMOVE BURLAP FROM AT LEAST THE TOP 12 INCHES OF THE ROOTBALL, WITHOUT DISTURBING THE ROOTBALL. REMOVE ALL CORD FROM THE TRUNK. REMOVE BURLAP AND WIRE BASKET (IF PRESENT) FROM THE ROOT BALL.
6. BACK FILL THE PLANTING HOLE WITH EXCAVATED NATIVE SOIL, BROKEN UP OR TILLED. WATER TO REMOVE AIR POCKETS. DO NOT ADD AMENDMENTS.
7. PLACE BARK MULCH ON THE SURFACE TO A (SETTLED) DEPTH OF 1 TO 3 INCHES.



1B

**SHRUB ON SLOPE 5% (20:1) TO 50% (2:1) - MODIFIED SOIL**



**TYP. SHRUB PLANTING:  
 INDIVIDUAL PLANTING HOLE**

2B

NOT TO SCALE