

ADDENDUM NUMBER TWO

CHARLES A. BELL PARK



PROJECT: Charles A. Bell Park

BWSC JOB NUMBER: 36403-00

OWNER: City of Chattanooga
Contract Number: R-14-010-201

ENGINEER: BARGE, WAGGONER, SUMNER & CANNON, INC.
1110 Market Street
Chattanooga, Tennessee 37402

ADD. NO. 2 ISSUED DATE: October 17, 2016

BID DATE: October 27, 2016, 2:00 PM LOCAL TIME

ALL BIDS SHALL CONFORM TO THIS ADDENDUM:

This addendum is an amendment to the Bid Documents for the referenced project, and as such will be made part of the Contract Documents. Acknowledge receipt of this addendum on the Bid Proposal. Failure to do so may subject the Bidder to disqualification.

A. CONTRACT DOCUMENTS

- ITEM A1: The Owner has decided to extend the deadline for questions on the project from Monday, October 17, 2016 to Wednesday, October 19, 2016 at 4:00 PM to allow Bidders sufficient time to review and respond to Addendum No. 1 issued Friday, October 14, 2016. The Bid date will remain October 27, 2016, 2:00 PM Local time.
- ITEM A2: Document 00300 – Bid Form – Revised plant varieties in the bid form for line items 46, 50, and 52.

B. QUESTIONS / CLARIFICATIONS

- ITEM B1: QUESTION: Is the unit cost for Line Item 6 (Cement Treatment for Base Stone) added in Addendum No. 1 to include the cost for base stone or just cement treatment?

RESPONSE: The unit cost for Line Item 6 (Cement Treatment for Base Stone) should be for cement treatment only. The cost for base stone should be included in Line Item 5 (Asphalt Concrete Pavement and Base Stone).

- ITEM B2: QUESTION: Is irrigation to be on a separate meter?

RESPONSE: Yes. The irrigation is to have a separate meter and backflow

preventer from the domestic water meter.

C. DRAWINGS

ITEM C1: Sheet G0.01, Cover Sheet: Updated sheet index to reflect drawing revisions in Addendum No. 2.

ITEM C2: Sheet C0.41, Existing Conditions: Revised existing conditions sheet to reflect revised subgrade elevations being completed by the Phase I contractor under an existing City contract with Wright Brothers.

ITEM C3: Sheet C2.01, Site Grading & Drainage Plan: Revised grading plan to coordinate with revised subgrade elevations being established by Phase I contractor.

ITEM C3: Sheet L7.02, Landscape Details, Notes & Schedule: Revised plant varieties on the plant schedule.

This addendum consists of 6 Pages and 4 Drawings.

END OF ADDENDUM NO. 2

Bid Form
Contract R-14-010-201
City of Chattanooga
Charles A. Bell Park

Item No.	Description	Unit	Quantity	Unit Price	Item Total
BASE BID SITE IMPROVEMENTS					
	General Site				
1	Mobilization	LS	1		
2	Imported Topsoil (Off Site)	SY	3,800		
3	Maintenance of Existing Erosion Control	LS	1		
4	Undercut	CY	100		
	Pavement				
5	Asphaltic Concrete Pavement and Base Stone	SY	1,900		
6	Cement Treatment for Base Stone	SY	1,900		
7	Reinforced Turf Parking w/Stone	SF	2,200		
8	Reinforced Turf Parking	SF	550		
9	6" Extruded Curb	LF	600		
10	Flush Curb	LF	440		
11	Parking Space Lines/Markings	LF	300		
12	Wheel Stops	EA	20		
13	1/4 Mile Walking Path (6' Wide Concrete)	SF	12,100		
14	Concrete Walk/Plaza	SF	4,900		
15	Concrete Pavers	SF	2,600		
	Buildings				
16	Pavilion/Restroom Building	LS	1		
	Utilities				
17	Parking Lot Light Poles & Foundations	EA	4		
18	Conduit and Wire	LF	1,960		
19	Electrical Service	LS	1		
20	Sewer Service (6" PVC)	LF	150		
21	Water Service (2" PVC)	LF	150		
22	Water Meter/Service	EA	1		
	Site Furnishings				
23	Bike Racks	EA	2		
24	Bike Repair Station	EA	1		
25	Benches	EA	28		
26	Trash Receptacles	EA	12		
27	Grills	EA	2		
28	Picnic Tables	EA	6		
29	Interpretive Signage	EA	1		
30	Park Entry Signage	EA	1		
31	Regulatory Signage	EA	4		
LANDSCAPING					
	Trees				
32	AA - Trident Maple	EA	6		

Bid Form
Contract R-14-010-201
City of Chattanooga
Charles A. Bell Park

Item No.	Description	Unit	Quantity	Unit Price	Item Total
33	BN - Duraheat River Birch	EA	26		
34	CC - Forest Pansy Redbud	EA	5		
35	GH - Halka Ginkgo	EA	5		
36	LH - Happidaze Sweet Gum	EA	1		
37	PC - Chinese Pistache	EA	0		
38	QL - Overcup Oak	EA	1		
39	UP Princeton Elm	EA	6		
	Shrubs and Grasses				
40	FGB - Blue Mist Fothergilla	EA	20		
41	HMB - Blushing Bride Hydrangea	EA	14		
42	HQP - Oakleaf Hydrangea	EA	32		
43	IB - Blue Princess Holly	EA	4		
44	IVH - Henry's Garnet Sweetspire	EA	0		
45	IL - Virginia Sweetspire 'Little Henry'	EA	174		
46	MSA - Karl Forester Feather Reed grass	EA	134		
47	MC - Pink Muhly Grass	EA	36		
48	PH - Blue Switch Grass	EA	30		
49	PVS - Shenendoah Switch Grass	EA	65		
50	PHM - The Blues Little Blue Stem	EA	104		
	Groundcover				
51	CA - Maysville Daisy	EA	946		
52	EC - Green and Gold	EA	111		
53	Sod	SF	114,500		
54	Seed	SF	71,740		
55	Moist Meadow Seed Mix	SF	1,850		
56	Wet Meadow Seed Mix	SF	4,300		
57	Design Build Irrigation System	LS	1		
58	Infiltration Basin	SF	6,151		
	TOTAL BASE BID:				

Bid Form
 Contract R-14-010-201
 City of Chattanooga
 Charles A. Bell Park

Item No.	Description	Unit	Quantity	Unit Price	Item Total
Additive Alternates					
59	1 - Quick Brick on Pavilion	LS	1		
60	2 - Ceiling in Pavilion	LS	1		
	Additive Alternates Subtotal:				

TOTAL BASE BID + ALTERNATES
\$ _____

Bidder:	Date:
By:	(Signature) Title:
Address:	
City:	State Zip Code:
Telephone Number	

**ACKNOWLEDGMENT OF RECEIPT OF
ADDENDUM NUMBER 2**

Acknowledgment of receipt of Addendum Number 2 for the Charles A. Bell Park project is hereby made.

Date received: _____
Time received: _____
Printed name: _____
Signature: _____
Company: _____

PLEASE RETURN THIS FORM TODAY

To: John Brown

Barge, Waggoner, Sumner and Cannon, Inc.

at fax number: 423.756.8477

CONSTRUCTION DRAWINGS
FOR
CHARLES A. BELL PARK
CHATTANOOGA, TN

BWSC

OCT. 17, 2016

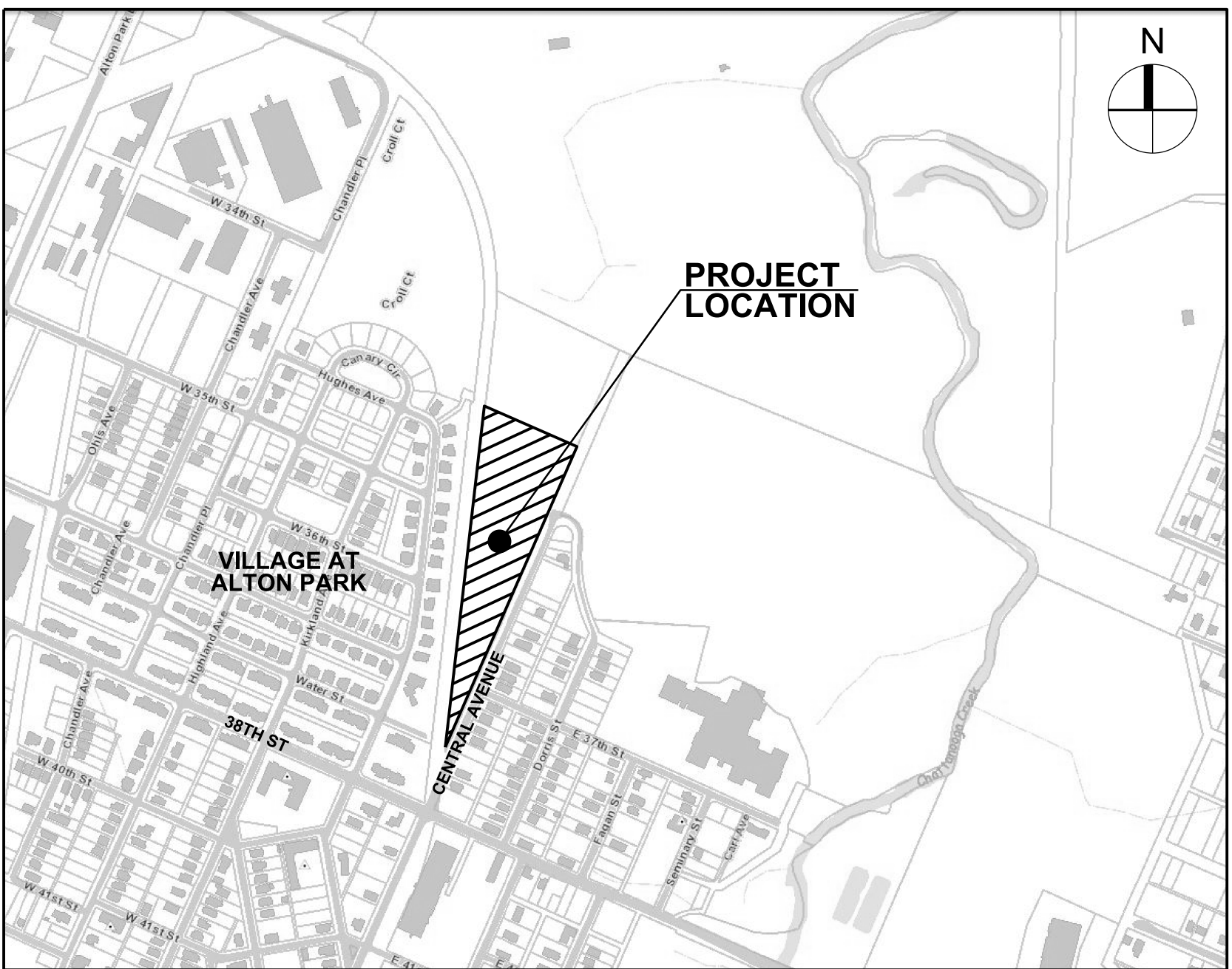
PROJECT No.
36403-00

ADDENDUM
NUMBER 2

INDEX OF DRAWINGS

Sheet No.	Description	Rev. No.	Date
G0.01	COVER SHEET	1	10/14/2016
C0.02	GENERAL NOTES	0	09/26/2016
C0.41	EXISTING CONDITIONS	1	10/17/2016
C1.00	OVERALL SITE PLAN	0	09/26/2016
C1.01	ENLARGED SITE PLAN	0	09/26/2016
C1.02	ENLARGED SITE PLAN	0	09/26/2016
C1.03	ENLARGED SITE PLAN	0	09/26/2016
C2.01	SITE GRADING & DRAINAGE PLAN	1	10/17/2016
C2.02	ENLARGED SITE GRADING PLAN	0	09/26/2016
C2.31	GENERAL EROSION MAINTENANCE PLAN	0	09/26/2016
C3.01	SITE UTILITY PLAN	0	09/26/2016
C7.01	SITE DETAILS	0	09/26/2016
C7.02	SITE DETAILS	0	09/26/2016
C7.03	SITE DETAILS	0	09/26/2016
C7.04	SITE DETAILS	0	09/26/2016
C7.21	EROSION CONTROL DETAILS	0	09/26/2016
L1.01	LANDSCAPE PLAN	1	10/14/2016
L1.02	LANDSCAPE PLAN	1	10/14/2016
L1.03	LANDSCAPE PLAN	1	10/14/2016
L7.01	LANDSCAPE NOTES	0	09/26/2016
L7.02	LANDSCAPE DETAILS & SCHEDULE	2	10/17/2016
T0.2	ADA DETAILS & DRAWING SYMBOLS	0	09/26/2016
T0.3	CODE SUMMARY, LIFE SAFETY PLAN	0	09/26/2016
A1-0	FLOOR PLAN	0	09/26/2016
A1-1	CEILING PLAN & ROOF PLAN	0	09/26/2016
A2-0	BUILDING ELEVATIONS	0	09/26/2016
A2-0.1	BUILDING ELEVATIONS - ADD ALTERNATE	0	09/26/2016
A3-0	BUILDING SECTIONS	0	09/26/2016
A3-0.1	BUILDING SECTIONS - ADD ALTERNATE	0	09/26/2016
A3-1	SECTIONS/DETAILS	0	09/26/2016
A3-1.1	SECTIONS/DETAILS - ADD ALTERNATE	0	09/26/2016
A4-0	ENLARGED PLANS, INTERIOR ELEVATIONS	0	09/26/2016
E0-1	ELECTRICAL COVER SHEET	0	09/26/2016
E1-1	ELECTRICAL PLAN	1	10/14/2016
E2-0	ELECTRICAL SCHEDULES & DETAILS	0	09/26/2016
E3-0	ELECTRICAL SITE PLAN	0	09/26/2016
M0-1	MECHANICAL COVER SHEET	0	09/26/2016
M1-1	MECHANICAL HVAC PLAN	0	09/26/2016
P0-1	PLUMBING COVER SHEET	0	09/26/2016
P1-1	PLUMBING WASTE & VENT PLAN	0	09/26/2016
P2-0	PLUMBING SCHEDULES & DETAILS	0	09/26/2016
S1.01	SECTIONS AND DETAILS	0	09/26/2016
S1.02	SECTIONS & DETAILS	0	09/26/2016
S2.01	FOUNDATION PLAN	0	09/26/2016
S2.02	ROOF FRAMING PLAN	0	09/26/2016
S3.01	SECTIONS AND DETAILS	0	09/26/2016

CONTRACT NUMBER R-14-010-201



LOCATION MAP

NOT TO SCALE

DEVELOPED FOR:

CITY OF CHATTANOOGA, TN

CITY MAYOR

ANDY BERKE

CHATTANOOGA CITY COUNCIL

DISTRICT 1 – CHIP HENDERSON
DISTRICT 2 – JERRY MITCHELL
DISTRICT 3 – KEN SMITH
DISTRICT 4 – LARRY GROHN
DISTRICT 5 – RUSSELL GILBERT
DISTRICT 6 – CAROL B. BERZ
DISTRICT 7 – CHRIS ANDERSON
DISTRICT 8 – MOSES FREEMAN
DISTRICT 9 – YUSUF HAKEEM

ADMINISTRATOR OF PUBLIC WORKS

JUSTIN C. HOLLAND

APPROVED FOR RELEASE:

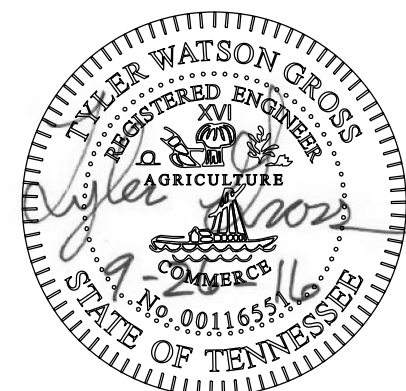

CITY ENGINEER, WILLIAM C. PAYNE
CITY OF CHATTANOOGA, TENNESSEE

09-26-16
DATE

BWSC

BARGE
WAGGONER
SUMNER &
CANNON, INC.

1110 Market Street, Suite 200 Chattanooga, Tennessee 37402
PHONE (423) 756-3025 FAX (423) 756-8477



SITE & CONTACT NOTES:

CONTRACT NUMBER R-14-010-201

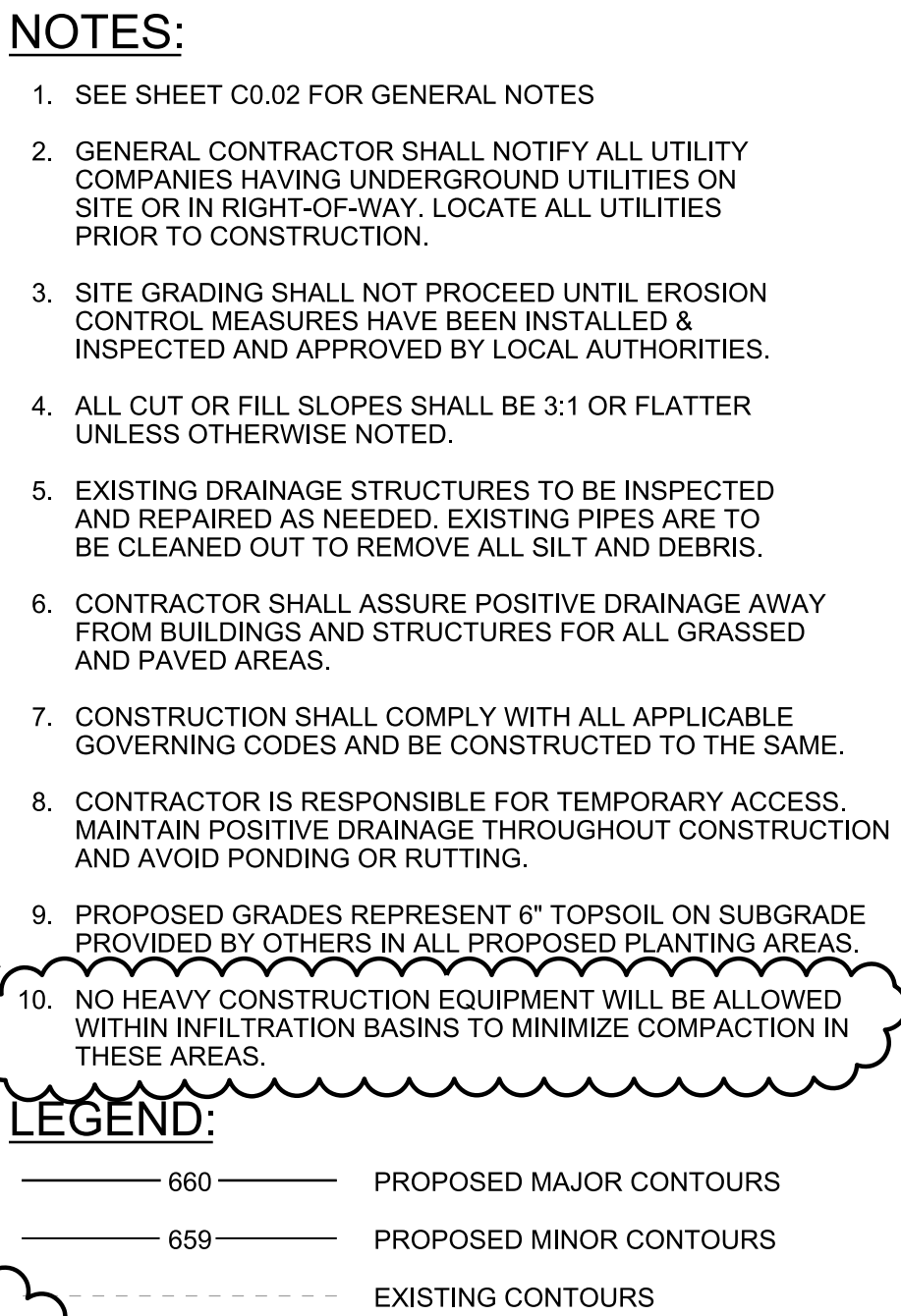
SITE ADDRESS:
3501 CENTRAL AVE., CHATTANOOGA, TN 37410
LAT. 35°00'32.10"N LON. 85°18'33.74"W

OWNER:
CITY OF CHATTANOOGA
1250 MARKET STREET, SUITE 1000, D.R.C.
CHATTANOOGA, TN 37402
PHONE: (423) 643-5800
EMAIL: JLYONS@CHATTANOOGA.GOV

TOTAL SITE AREA: 13.74 ACRES
TOTAL AREA DISTURBED: 4.76 ACRES

CONSTRUCTION DRAWINGS
FOR
CHARLES A. BELL PARK
CHATTANOOGA, TN

G0.01



SITE & CONTACT NOTES:
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SITE ADDRESS:
3501 CENTRAL AVE., CHATTANOOGA, TN 37410
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SITE GRADING & DRAINAGE PLAN

CHARLES A. BELL PARK
THE CITY OF CHATTANOOGA
CHATTANOOGA, TENNESSEE

BWSC

**BARGE
WAGGONER
SUMNER &
CANNON, INC.**

1110 Market Street, Suite 200 Chattanooga, Tennessee 37402
PHONE (423) 756-3025 FAX (423) 756-8477

C2.01

FILE NO. 36403-00

10/17/2016 3:59:20 PM
\\CHSVADP01\Chatt BW Platter
JALong
LandRes.pen Workspace: LandRes

Wet Meadow Native Mix

Kind	Botanical Name	PLS oz/ac	PLS lbs/ac	PLS lbs
Virginia Wild Rye	Elymus virginicus	3.00	2.550	2.550
Fowl Manna Grass	Glyceria striata	0.50	0.425	0.425
Rice Cut Grass	Leersia oryzoides	0.70	0.595	0.595
River Oats	Chasmanthium latifolium	2.80	2.380	2.380
Cosmos Sedge	Carex comosa	0.60	0.510	0.510
Frank's Sedge	Carex frankii	0.60	0.510	0.510
Hop Sedge	Carex lupulina	0.60	0.510	0.510
Shallow Sedge	Carex lurida	0.80	0.680	0.680
Fox Sedge	Carex vulpinoidea	0.30	0.255	0.255
Rufous Bulrush	Scirpus pendulus	0.10	0.085	0.085
Eastern Bur Reed	Spergillum americanum	1.00	0.850	0.850
Swamp Milkweed	Asclepias incarnata	1.10	0.935	0.935
Showy Tickseed	Bidens aristosa	1.30	1.105	1.105
Boneset	Eupatorium perfoliatum	0.20	0.170	0.170
Sneezeweed	Helenium autumnale	0.20	0.170	0.170
Slender Blazing Star	Liatris gracilis	0.40	0.340	0.340
Cardinal Flower	Lobelia cardinalis	0.05	0.043	0.043
Seed Box	Ludwigia alternifolia	0.09	0.077	0.077
Smooth Beardtongue	Penstemon digitalis	0.21	0.179	0.179
Slender Mountain Mint	Pycnanthemum tenuifolium	0.10	0.085	0.085
Maryland Meadowbeauty	Rhexia mariana	0.20	0.170	0.170
Blackeyed Susan	Rudbeckia hirta	0.25	0.213	0.213
Golden Alexander	Zizia aurea	0.90	0.765	0.765
Freight calculated at time of shipping				
			lbs/acre	13.60

Moist Meadow Native Mix

Kind	Botanical Name	PLS oz/ac	PLS lbs/ac	PLS lbs
River Oats	Chasmanthium latifolium	2.00	1.500	1.500
Switchgrass	Panicum virgatum	3.00	2.250	2.250
Virginia Wild Rye	Elymus virginicus	2.00	1.500	1.500
Fox Sedge	Carex vulpinoidea	1.60	1.200	1.200
Green Bulrush	Scirpus atrovirens	0.25	0.188	0.188
Shallow Sedge	Carex lurida	2.15	1.613	1.613
Blackeyed Susan	Rudbeckia hirta	0.25	0.188	0.188
Blue Vervain	Verbena hastata	0.21	0.158	0.158
Cardinal Flower	Lobelia cardinalis	0.05	0.038	0.038
Golden Alexander	Zizia aurea	0.60	0.450	0.450
Iron Weed	Vernonia altissima	0.70	0.525	0.525
Ohio Spiderwort	Tradescantia ohimensis	0.60	0.450	0.450
Showy Tickseed	Bidens aristosa	1.50	1.125	1.125
Smooth Beardtongue	Penstemon digitalis	0.19	0.143	0.143
Yellow Wingstem	Verbesina alternifolia	0.90	0.675	0.675
			lbs/acre	11.19

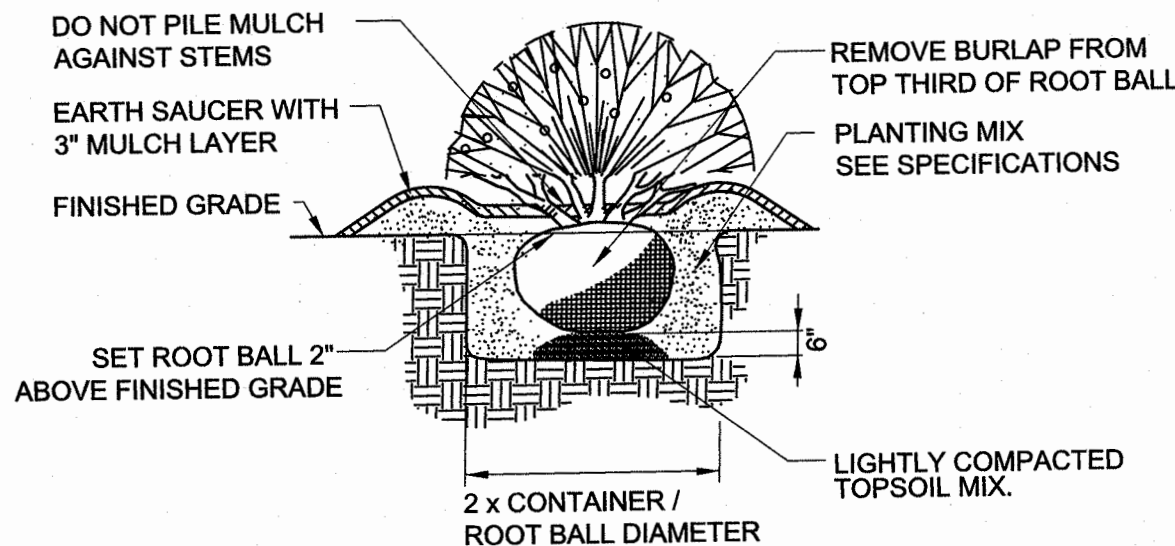
PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONDITION	SIZE	SPACING	REMARKS
	AA	6	Acer buergerianum 'Aeryn'	Trident Maple	B & B	1.5"Cal		Matched Min. 3-5 trunks Well formed crow
	BN	26	Betula nigra 'Duraheat'	Duraheat River Birch	B & B	1.5"Cal		Matched Min. 3-5 trunks Well formed crow
	CC	5	Cercis canadensis 'Forest Pansy' TM	Forest Pansy Redbud	B & B	1.5"Cal		Matched Min. 3-5 trunks Well formed crow
	GH	5	Ginkgo biloba 'Halka'	Halka Ginkgo	B & B	3.5"Cal		Matched Well formed full
	LH	1	Liquidambar styraciflua 'Happdell'	Happdaze Sweet Gum	B & B	3.5"Cal		Matched Well formed full
	QL	1	Quercus lyrata	Overcup Oak	B & B	3.5"Cal		Matched Well formed full
	UP	6	Ulmus americana 'Princeton'	Princeton Elm	B & B	3.5"Cal		Matched Well formed full
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	ROOT COND	SIZE	SPACING	REMARKS
	MSA	134	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Grass	3 gal	36" O.C.	36" O.C.	Matched Densely formed
	FGB	20	Fothergilla gardenii 'Blue Mist'	Blue Mist Fothergilla	3 gal	48" O.C.	36" O.C.	Matched Densely formed
	HMB	14	Hydrangea macrophylla 'Blushing Bride'	Blushing Bride Hydrangea	3 gal	42" O.C.	42" O.C.	Matched Densely formed
	HQP	32	Hydrangea quercifolia 'Pee Wee'	Oakleaf Hydrangea	3 gal	36" O.C.	36" O.C.	Matched Densely formed
	IB	4	Ilex x meserveae 'Blue Princess' TM	Blue Princess Holly	3 gal	6" O.C.		Matched Densely formed
	IL	174	Itea virginica 'Little Henry' TM	Virginia Sweetpire	3 gal	36" O.C.		Matched Densely formed
	MC	36	Muhlenbergia capillaris	Pink Muhly	3 gal		3' O.C.	Matched Densely formed
	PH	30	Panicum virgatum 'Heavy Metal'	Blue Switch Grass	3 gal	48" O.C.		Matched Densely formed
	PVS	65	Panicum virgatum 'Shenendoah'	Shenendoah Switch Grass	3 gal	36" O.C.	48" O.C.	Matched Densely formed
	PHM	104	Schizachyrium scoparium 'The Blues'	The Blues Little Blue Stem	3 gal	24" O.C.	24" O.C.	Matched Densely formed
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONDITON	SIZE	SPACING	REMARKS
	EC	111	Chrysogonum virginianum 'Pierre' (Green and Gold)	Pierre Goldenstar	4"pot	15" O.C.		Full in pot
	CA	946	Coreopsis auriculata 'Nana'	Maysville Daisy	4"pot	15" O.C.	15" O.C.	Full in pot
SOD/SEED	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONDITON	SIZE	SPACING	REMARKS
	SOD	114,436 sf	Cynodon dactylon 'TIFTUF'	TIFTUF Hybrid	sod			
	SEED	72,740 sf	Cynodon spp. "Princess"	Princess 77 Hybrid Bermuda	seed	2 lbs/1000 sf		
	MI2	1,853 sf	Moist Meadow Seed Mix		seed			
	MIX	4,294 sf	Wet Meadow Seed Mix		seed			

1 PLANT SCHEDULE

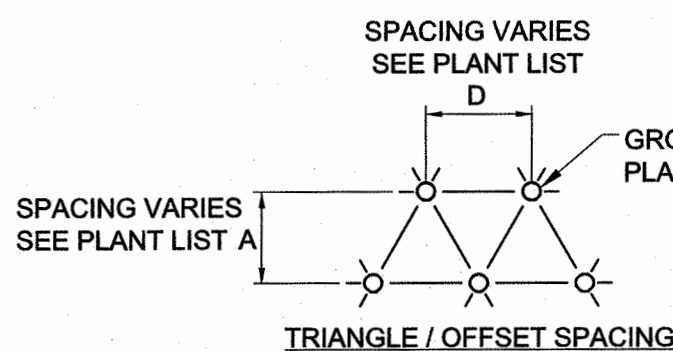
L7.02

2



2 TYPICAL SHRUB PLANTING DETAIL

L7.02 NTS



3 TYPICAL SHRUB SPACING DETAIL

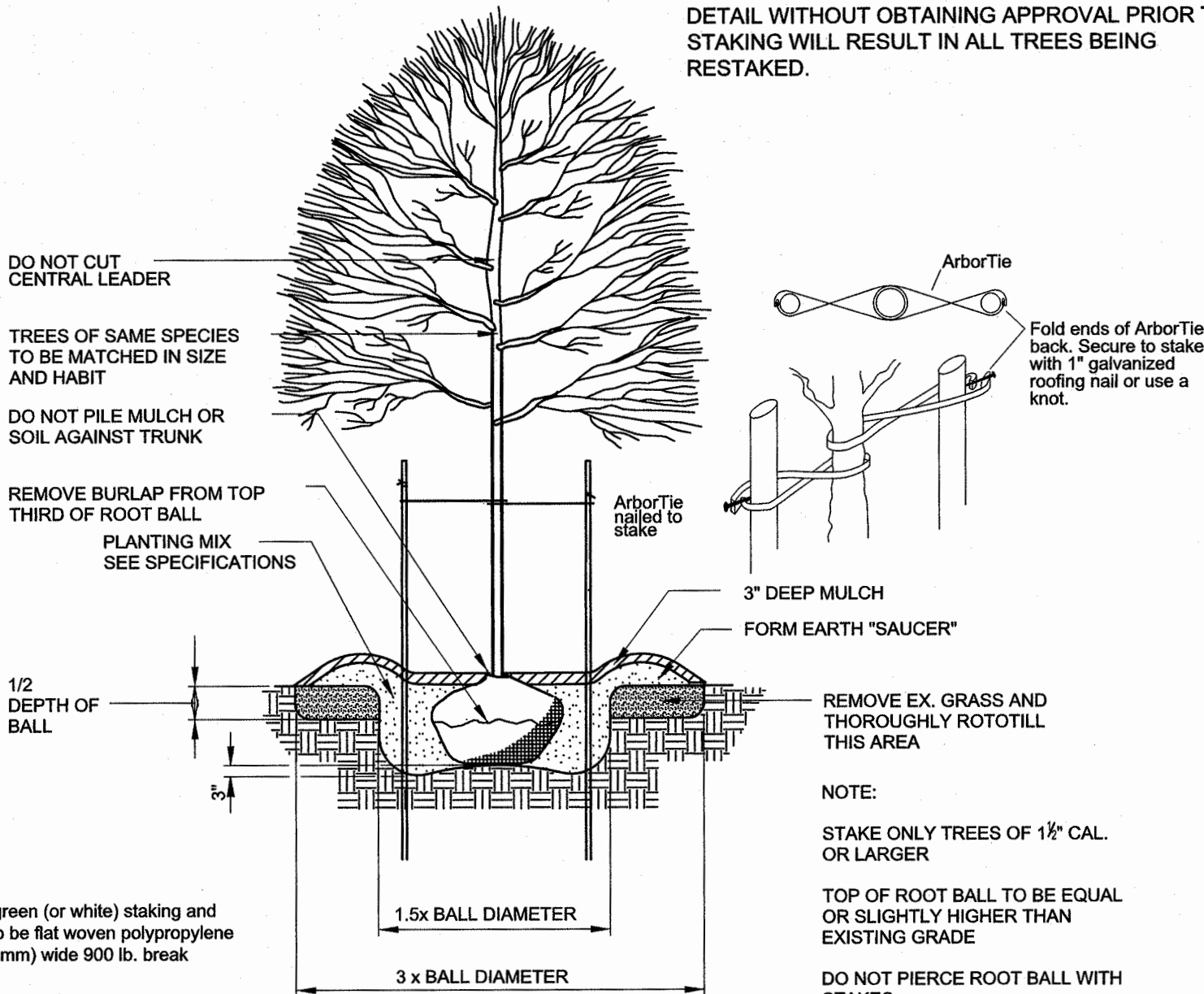
L5 NTS

PLANT SPACING (D)	ROW SPACING (A)
6" O.C.	5.20"
8" O.C.	6.93"
10" O.C.	8.66"
12" O.C.	10.4"
15" O.C.	13.0"
18" O.C.	15.6"
24" O.C.	20.8"
30" O.C.	26.0"
36" O.C.	30.0"
42" O.C.	38.0"
48" O.C.	42.0"

NOTE:

TREES LESS THAN 2" NEED TO BE STAKED WITH A SINGLE HARDWOOD STAKE DRIVEN AT AN ANGLE. TREES GREATER THAN 2" BUT LESS THAN 4" ARE TO BE STAKED WITH TWO METAL T-BAR POSTS, WITH ANCHOR TIE. TREES GREATER THAN 4" NEED TO USE THREE METAL T-BAR POSTS EQUALLY SPACED AROUND TREE, WITH ANCHOR TIE STRAPS.

THE TRUNK OF ALL TREES IS REQUIRED TO BE PLUMB WITH THE GROUND PLANE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO STRAIGHTEN ANY TREE THAT DOES NOT HAVE A VERTICAL TRUNK. STAKING TREES DIFFERENTLY THAN THIS DETAIL WITHOUT OBTAINING APPROVAL PRIOR TO STAKING WILL RESULT IN ALL TREES BEING RESTAKED.

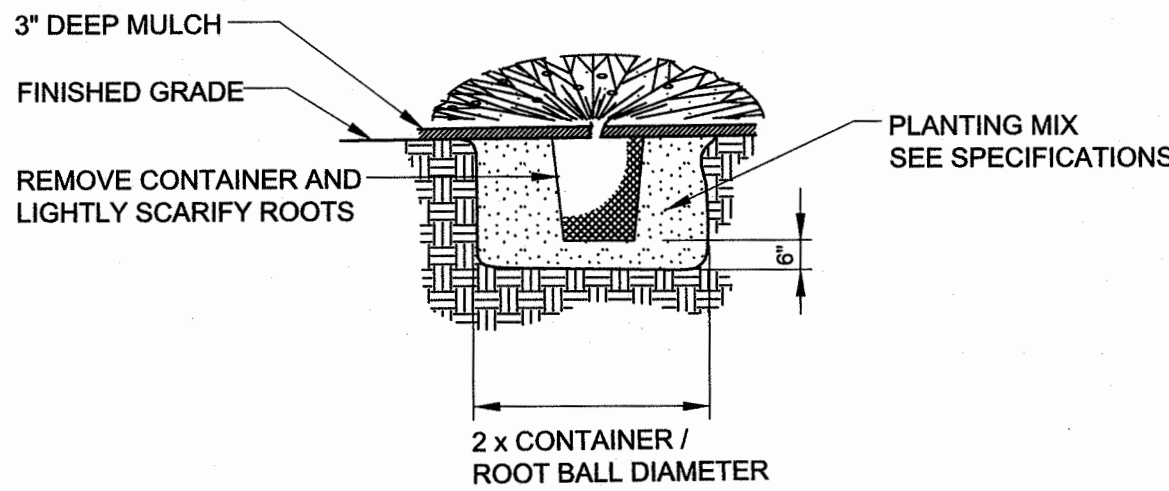


6 TYPICAL TREE PLANTING DETAIL

L7.02 NTS

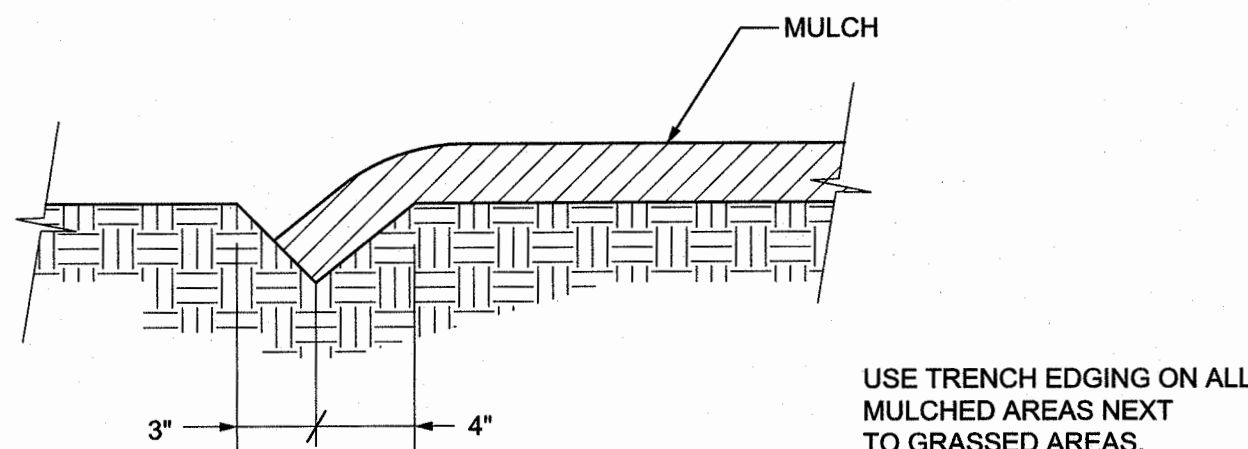
Specified ArborTie green (or white) staking and guying material is to be flat woven polypropylene material. 3/4" (19.05mm) wide 900 lb. break strength.

ArborTie shall be fastened to stakes in a manner which permits tree movement and supports the tree.



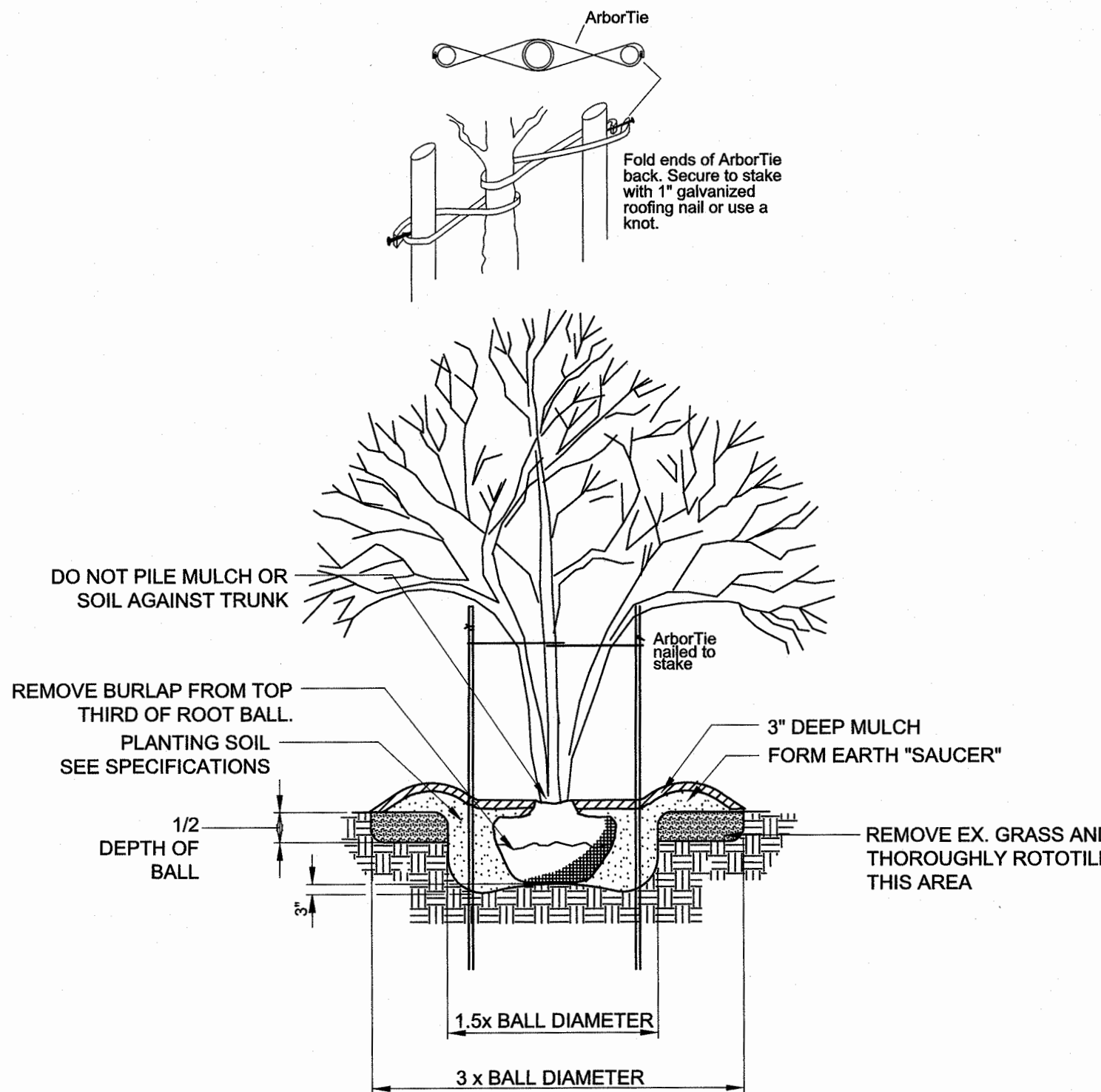
3 TYPICAL GROUND COVER PLANTING DETAIL

L7.02 NTS



5 TYPICAL TRENCH EDGING DETAIL

L7.02 NTS



7 TYPICAL MULTI-STEMMED TREE PLANTING DETAIL

L7.02 NTS

SITE & CONTACT NOTES:

CONTRACT NUMBER R-14-010-201

SITE ADDRESS:
3501 CENTRAL AVE., CHATTANOOGA, TN 37402
LAT. 35°00'32.10"N LON. 85°18'33.74"W

OWNER:
CITY OF CHATTANOOGA
1250 MARKET STREET, SUITE 1000, D.R.C.
CHATTANOOGA, TN 37402
PHONE: (423) 643-5800
EMAIL: JLYONS@CHATTANOOGA.GOV

TOTAL SITE AREA: 13.74 ACRES
TOTAL AREA DISTURBED: 4.76 ACRES

LANDSCAPE DETAILS AND SCHEDULE

CHARLES A. BELL PARK
THE CITY OF CHATTANOOGA
CHATTANOOGA, TENNESSEE

REVISION INFORMATION				DATE			
REV	BY	CHK	TGS	DATE	ISSUED FOR PERMITTING	REVISED PLANTS	REVISED PLANTS
1	DS	1	10-14-2016				
2	DS	2	10-17-2016				

L7.02

FILE NO. 36403-00