

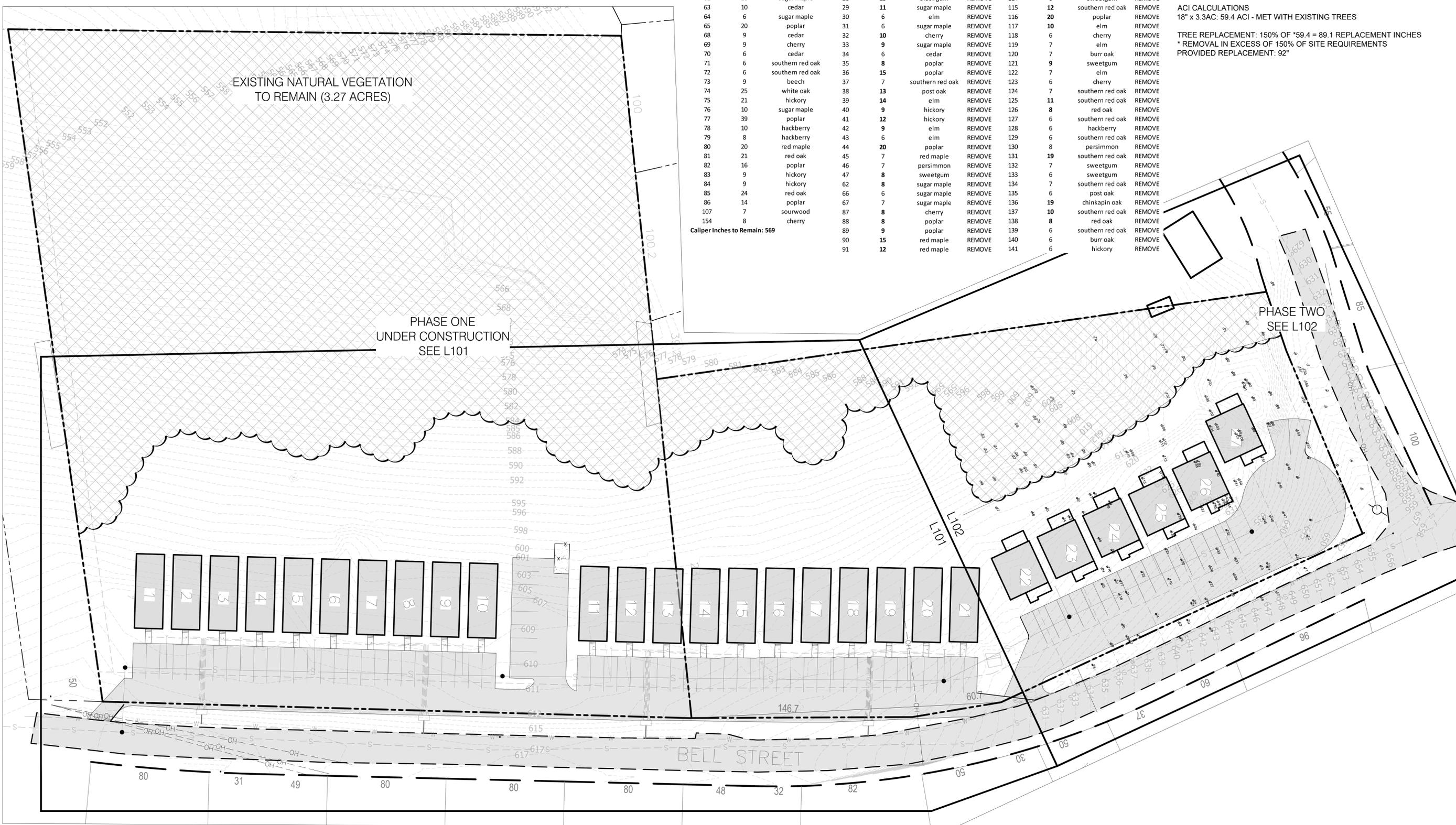
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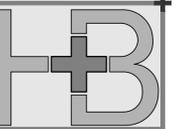
RELEASE DATE: 6/21/2022
REV: 1

L100

TREES TO REMAIN			TREES TO BE REMOVED			TREES TO BE REMOVED			TREES TO BE REMOVED					
NUMBER	SIZE	TYPE	NUMBER	SIZE	TYPE	NUMBER	SIZE	TYPE	NUMBER	SIZE	TYPE			
0	15	red oak	7	13	red oak	REMOVE	92	8	beech	REMOVE	142	12	southern red oak	REMOVE
1	8	burr oak	8	10	cherry	REMOVE	93	7	southern red oak	REMOVE	143	8	burr oak	REMOVE
2	6	black gum	9	6	cherry	REMOVE	94	14	poplar	REMOVE	144	15	red oak	REMOVE
3	14	black gum	10	6	sugar maple	REMOVE	95	14	poplar	REMOVE	145	13	red oak	REMOVE
4	8	black gum	11	6	cherry	REMOVE	96	12	poplar	REMOVE	146	6	poplar	REMOVE
5	38	white oak	12	15	southern red oak	REMOVE	97	13	poplar	REMOVE	147	8	black gum	REMOVE
6	6	black gum	13	13	sweetgum	REMOVE	98	9	poplar	REMOVE	148	15	burr oak	REMOVE
48	6	sugar maple	14	15	sweetgum	REMOVE	99	12	poplar	REMOVE	149	7	hickory	REMOVE
49	8	sweetgum	15	15	white oak	REMOVE	100	16	poplar	REMOVE	150	7	hickory	REMOVE
50	11	sugar maple	16	8	shagbark hickory	REMOVE	101	12	red maple	REMOVE	151	9	red oak	REMOVE
51	6	sugar maple	17	12	shagbark hickory	REMOVE	102	8	hickory	REMOVE	152	14	red oak	REMOVE
52	18	poplar	18	19	poplar	REMOVE	103	9	black gum	REMOVE	153	11	white oak	REMOVE
53	9	post oak	19	10	southern red oak	REMOVE	104	6	sourwood	REMOVE	Caliper Inches Removed: 1102			
54	7	sugar maple	20	11	southern red oak	REMOVE	105	13	red oak	REMOVE	TREE INVENTORY OF PHASE II PROVIDED BY PANTHER CREEK FORESTRY			
55	14	sugar maple	21	15	southern red oak	REMOVE	106	6	sourwood	REMOVE	TREES TO BE REMOVED: 1012*			
56	9	black gum	22	21	red oak	REMOVE	108	8	beech	REMOVE	TREES TO REMAIN: 569*			
57	10	black gum	23	11	southern red oak	REMOVE	109	16	poplar	REMOVE	OVERALL SITE ACREAGE: 6.57 AC			
58	10	black gum	24	9	Southern red oak	REMOVE	110	9	poplar	REMOVE	UNDISTURBED WOODED AREA: 3.27 AC			
59	28	poplar	25	7	burr oak	REMOVE	111	6	hickory	REMOVE	LIMITS OF DISTURBANCE: 3.3 AC (CALCULATED LANDSCAPE AREA)			
60	6	red maple	26	14	southern red oak	REMOVE	112	9	hickory	REMOVE	ACI CALCULATIONS			
61	10	sugar maple	27	11	southern red oak	REMOVE	113	12	southern red oak	REMOVE	18" x 3.3AC: 59.4 ACI - MET WITH EXISTING TREES			
63	10	cedar	28	13	black gum	REMOVE	114	6	sweetgum	REMOVE	TREE REPLACEMENT: 150% OF *59.4 = 89.1 REPLACEMENT INCHES			
64	6	sugar maple	29	11	sugar maple	REMOVE	115	12	southern red oak	REMOVE	* REMOVAL IN EXCESS OF 150% OF SITE REQUIREMENTS			
65	20	poplar	30	6	elm	REMOVE	116	20	poplar	REMOVE	PROVIDED REPLACEMENT: 92"			
68	9	cedar	31	6	sugar maple	REMOVE	117	10	elm	REMOVE				
69	9	cherry	32	10	cherry	REMOVE	118	6	cherry	REMOVE				
70	6	cedar	33	9	sugar maple	REMOVE	119	7	elm	REMOVE				
71	6	southern red oak	34	6	cedar	REMOVE	120	7	burr oak	REMOVE				
72	6	southern red oak	35	8	poplar	REMOVE	121	9	sweetgum	REMOVE				
73	9	beech	36	15	poplar	REMOVE	122	7	elm	REMOVE				
74	25	white oak	37	7	southern red oak	REMOVE	123	6	cherry	REMOVE				
75	21	hickory	38	13	post oak	REMOVE	124	7	southern red oak	REMOVE				
76	10	sugar maple	39	14	elm	REMOVE	125	11	southern red oak	REMOVE				
77	39	poplar	40	9	hickory	REMOVE	126	8	red oak	REMOVE				
78	10	hackberry	41	12	hickory	REMOVE	127	6	southern red oak	REMOVE				
79	8	hackberry	42	9	elm	REMOVE	128	6	hackberry	REMOVE				
80	20	red maple	43	6	elm	REMOVE	129	6	southern red oak	REMOVE				
81	21	red oak	44	20	poplar	REMOVE	130	8	persimmon	REMOVE				
82	16	poplar	45	7	red maple	REMOVE	131	19	southern red oak	REMOVE				
83	9	hickory	46	7	persimmon	REMOVE	132	7	sweetgum	REMOVE				
84	9	hickory	47	8	sweetgum	REMOVE	133	6	sweetgum	REMOVE				
85	24	red oak	62	8	sugar maple	REMOVE	134	7	southern red oak	REMOVE				
86	14	poplar	66	6	sugar maple	REMOVE	135	6	post oak	REMOVE				
107	7	sourwood	67	7	sugar maple	REMOVE	136	19	chinkapin oak	REMOVE				
154	8	cherry	87	8	cherry	REMOVE	137	10	southern red oak	REMOVE				
			88	8	poplar	REMOVE	138	8	red oak	REMOVE				
			89	9	poplar	REMOVE	139	6	southern red oak	REMOVE				
			90	15	red maple	REMOVE	140	6	burr oak	REMOVE				
			91	12	red maple	REMOVE	141	6	hickory	REMOVE				

Caliper Inches to Remain: 569





Heibert+Ball
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PROPOSED SITE FOR:
BELL STREET TOWNHOMES - PH1
 ASHLAND CITY, TENNESSEE

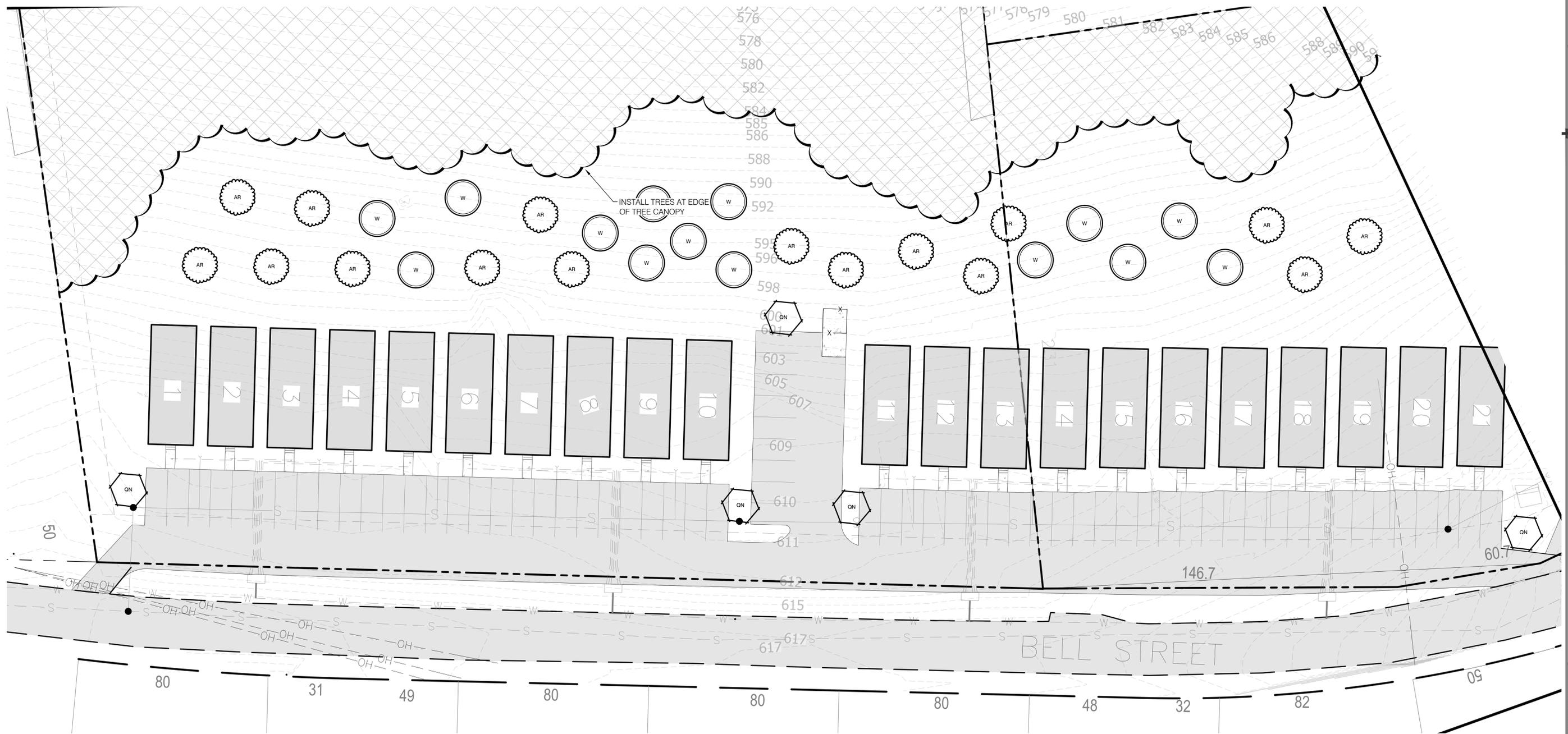


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L101

LANDSCAPE PLAN



PLANT SCHEDULE PHASE 1					
REPLACEMENT TREES	QTY	COMMON / BOTANICAL NAME	CONT	CAL	SIZE
	16	October Glory Maple / <i>Acer rubrum</i> 'October Glory' 5' Clear Trunk, Evenly Branched. Matched. See Tree Specifications	B & B	2" Cal	10'-12' HT
	5	Nuttall Oak / <i>Quercus nuttallii</i> 5' Clear Trunk, Evenly Branched. Matched. See Tree Specifications	B & B	2" Cal	10'-12' HT
	14	Willow Oak / <i>Quercus phellos</i> 5' Clear Trunk, Evenly Branched. Matched. See Tree Specifications	B & B	2" Cal	10'-12' HT

PROPOSED SITE FOR:
BELL STREET TOWNHOMES - PH2
 ASHLAND CITY, TENNESSEE

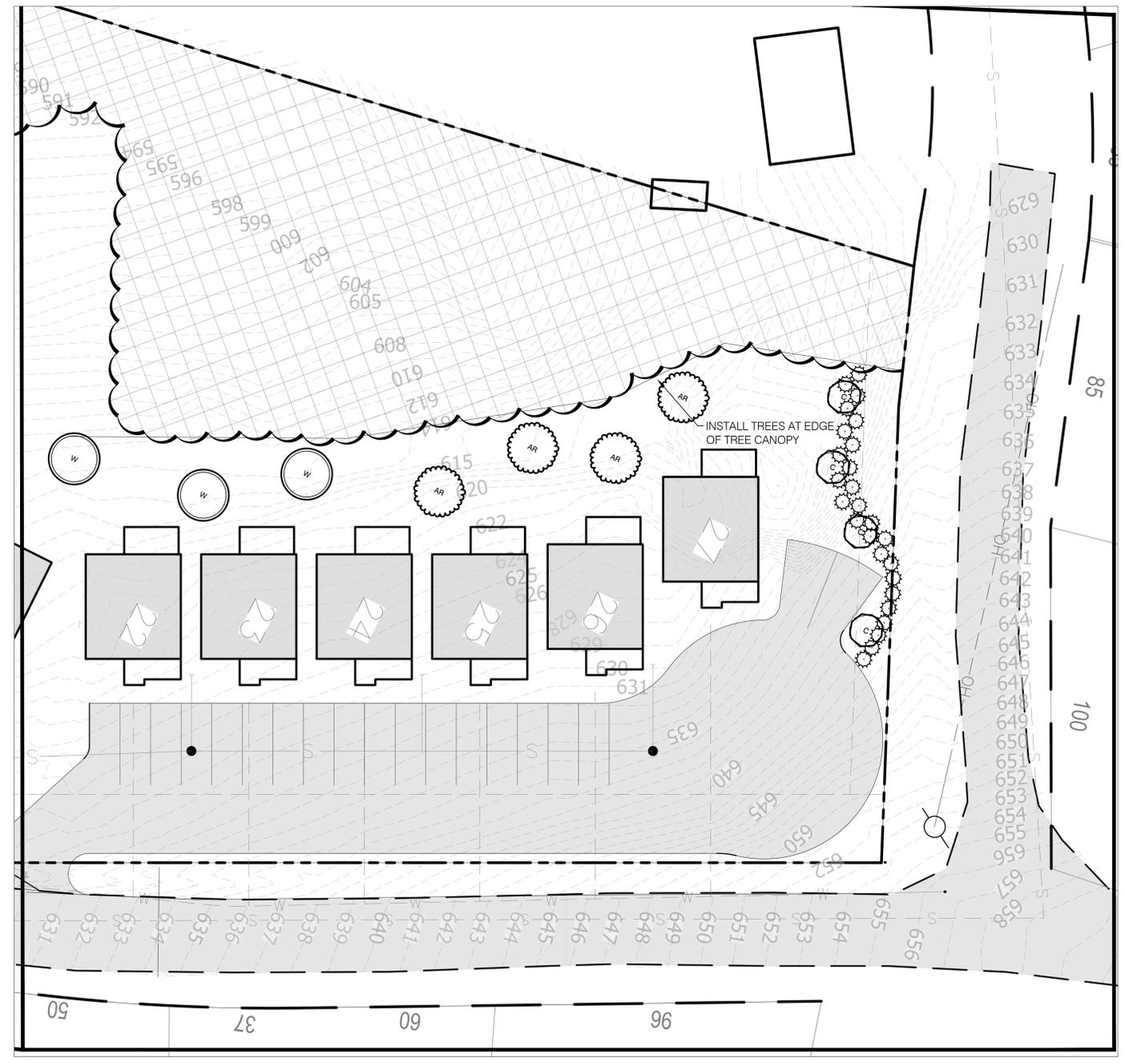


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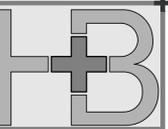
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L102

LANDSCAPE PLAN



PLANT SCHEDULE PHASE 2					
REPLACEMENT TREES	QTY	COMMON / BOTANICAL NAME	CONT	CAL	SIZE
	4	October Glory Maple / <i>Acer rubrum</i> 'October Glory' 5' Clear Trunk. Evenly Branched. Matched. See Tree Specifications	B & B	2'Cal	10'-12' HT
	4	Eastern Redbud / <i>Cercis canadensis</i> 4' Clear Single Trunk. Evenly Branched. Full Symmetrical Crown. See Tree Specifications	B & B	2'Cal	10'-12' HT
	3	Willow Oak / <i>Quercus phellos</i> 5' Clear Trunk. Evenly Branched. Matched. See Tree Specifications	B & B	2'Cal	10'-12' HT
SHRUBS	QTY	COMMON / BOTANICAL NAME	CONT	WIDTH	
	26	Prague Viburnum / <i>Viburnum x pragense</i> Full, Dense Form	18' HT		



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PROPOSED SITE FOR:
BELL STREET TOWNHOMES - PH2
 ASHLAND CITY, TENNESSEE



By: cb

RELEASE DATE: 6/21/2022
 REV 1:

L103

LANDSCAPE PLAN

PLANT SCHEDULE OVERALL - PHASE 1 & 2

REPLACEMENT TREES	QTY	COMMON / BOTANICAL NAME	CONT	CAL	SIZE
	20	October Glory Maple / Acer rubrum 'October Glory' 5' Clear Trunk, Evenly Branched. Matched. See Tree Specifications	B & B	2'Cal	10'-12' HT
	4	Eastern Redbud / Cercis canadensis 4' Clear Single Trunk, Evenly Branched, Full Symmetrical Crown. See Tree Specifications	B & B	2'Cal	10'-12' HT
	5	Nuttall Oak / Quercus nuttallii 5' Clear Trunk, Evenly Branched. Matched. See Tree Specifications.	B & B	2'Cal	10'-12' HT
	17	Willow Oak / Quercus phellos 5' Clear Trunk, Evenly Branched. Matched. See Tree Specifications	B & B	2'Cal	10'-12' HT
SHRUBS	QTY	COMMON / BOTANICAL NAME	CONT	WIDTH	
	26	Prague Viburnum / Viburnum x pragense Full, Dense Form	18" HT		

PLAN NOTES:

- ALL LANDSCAPE BEDS SHALL BE NEATLY TRENCHED WITH A BED EDGE AND HAVE 3" MINIMUM DEPTH OF PINE STRAW MULCH.
- ALL TREES AND SHRUBS SHALL BE COORDINATED WITH LIGHTING PLAN PRIOR TO INSTALLATION.
- ALL PARKING LOT ISLANDS ARE TO BE INSPECTED AND APPROVED BY THE TOWN OF ASHLAND CITY PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL OR SOIL.
- ALL AREAS OF DISTURBANCE SHALL BE SEEDED WITH REBEL III TALL FESCUE UNLESS OTHERWISE NOTED ON GRADING PLANS

LANDSCAPE NOTES:

- Contractor responsible for locating and protecting all underground utilities prior to digging.
- Contractor responsible for protecting existing trees from damage during construction as shown on plans.
- Contractor to install 6" minimum depth of clean, friable topsoil at all planting beds and lawn areas prior to fine grading. see topsoil specification sheet I-1.3.
- All shrub beds (existing and new) to be mulched with a 3-4 inch minimum layer of mulch.
- Existing grass in proposed planting areas to be killed and removed and area to be hand raked to remove all rocks and debris larger than 1 inch in diameter prior to planting shrubs or laying sod. Landscape contractor to provide fine grading.
- Any existing grass disturbed during construction to be fully removed, re-graded and replaced. All tire marks and indentation to be repaired.
- Soil to be tested to determine fertilizer and lime requirements and distributed prior to laying sod.
- Sod to be delivered fresh (cut less than 24 hours prior to arriving on site), laid immediately, rolled, and watered thoroughly immediately after planting. edge of sod adjacent to mulch beds to be shovel cut. All sod to be delivered in largest rolls available. there shall be no gaps between sod joints.
- Planting mix to be provided as specified in the landscape specifications.
- The landscape contractor shall guarantee all plants installed for one full year from date of acceptance. All plants shall be alive and at a vigorous rate of growth at the end of the guarantee period. The landscape contractor shall not be responsible for acts of god or vandalism.
- Any plant that is determined dead, in an unhealthy or unsightly condition, lost its shape due to dead branches or other symptoms of poor, non-vigorous growth, as determined by the landscape architect, shall be replaced by the landscape contractor at no cost to owner.
- Prior to installation, the landscape contractor shall inspect the subgrade, general site conditions, verify elevations, utility locations, irrigation, approve topsoil provided by general contractor and observe the site conditions under which the work is to be done. Notify general contractor of any unsatisfactory conditions, and work shall not proceed until such conditions have been corrected.
- Water all plant material that are newly planted thoroughly twice in first 24 hours and apply mulch immediately.
- All trees and shrubs shall be coordinated with lighting plan prior to installation.
- All shrubs to be 3' back of curb.
- All areas of disturbance outside of landscape beds shall be repaired with turf.
- Any utility structure, light poles, sign, or other feature may not be added to any required landscape island in such a manner that would displace the required element(s) (trees, shrubs, etc.)

SUBSTITUTION NOTE:

- Requirements shown are per the City Zoning Ordinance. Substitutions are not allowed unless approved by the City and Heibert+Ball Land Design

TO AVOID OVERHEAD LIGHT POLE CONFLICTS:

In the event proposed canopy trees are in conflict (within 15') with proposed or existing light pole locations, the landscape contractor shall stop work and contact Heibert+Ball Land Design immediately for coordination and field adjustment

TO AVOID OVERHEAD UTILITY CONFLICTS:

In the event proposed canopy trees are in conflict (within 25') with proposed or existing overhead utility locations, the landscape contractor shall stop work and contact Heibert+Ball Land Design immediately for coordination and field adjustment.

UTILITY SCREEN

All utility structures, transformers, meters, and/or units shall be screened with plant material tall enough to provide an effective screen. Structures not shown on landscape plans will be required to be screened. If utilities are added to the site, contact Heibert+Ball Land Design for screening recommendations

TREE SPECIFICATIONS ALL TREES SHALL HAVE THE FOLLOWING CHARACTERISTICS:

- Deciduous trees shall have one dominant single straight trunk with the tip of the leader on the main trunk left intact and the terminal bud on the central leader is at the highest point on the tree.
- Trees with forked trunks are acceptable if all the following conditions are met:
 - The fork occurs in the upper 1/3 of the tree.
 - One fork is less than 2/3 the diameter of the dominant fork.
 - The top 1/3 of the smaller fork is removed at the time of planting.
- No branch is greater than 2/3 the diameter of the trunk directly above the branch.
- The trunk and/or major branches shall not touch
- Several branches are larger in diameter and obviously more dominant.
- Branching habit is more horizontal than vertical, and no branches are oriented nearly vertical to the trunk.
- Branches are evenly distributed around the trunk with no more than one major branch located directly above another and the crown is full of foliage evenly distributed around the tree
- Crown spread shall look proportional to the tree.
- NO flush cuts or open trunk wounds or other bark injury
- Root ball meets all ANSI standards and is appropriately sized

DEFICIENCIES NOT ACCEPTED:

- | | |
|----------------------------------|---|
| 1. Tip dieback on 5% of branches | Landscape shall not obstruct visibility or access to fire protection equipment including, but not limited to, fire hydrants and fire department connections |
| 2. Crown thin/sparsely foliated | |
| 3. Included bark | |
| 4. Major Branches touching | |
| 5. Asymmetrical branching | |

PLANTING NOTES:

- Refer to all written specifications; adhere to Plans and Specifications for all phases of work.
- Verify all utility locations in the field before work begins. Repair damaged utilities to owners satisfaction at no additional cost.
- Verify all material quantities on the drawing during bidding and pricing. In the event of a discrepancy, the quantities drawn on the plan will take precedence over the material schedule.
- All materials are subject to the approval of the Landscape Architect, City, and Owner.
- Once unloaded from truck, immediately stand all trees up. DO NOT lie the trees down. This will reduce the risk of sunscald.
- Plants shall meet specifications. Root balls shall meet or exceed size standards as set forth by American Standards for Nursery Stock. Main leaders of all trees shall remain intact.
- Mulch plant pits and planting beds with specified mulch to the depth indicated on drawings.
- Prepare all topsoil used in tree, shrub, and seed mixes in accordance with the specifications
- Discard any material which turns brown or defoliates within 5 days after planting. Replace immediately with approved specified material at no additional cost.
- Maintain all plant material and lawns until project is accepted in full by the City.
- Guarantee all workmanship and materials for a period of 1 calendar year.
- Install all plant material in accordance with all local codes and ordinances. Obtain any required permits necessary to complete the work.
- Provide 6" of topsoil for lawn areas (12" min. over rock), min. 24" of topsoil for shrub zones, and min. 48" deep for tree pits. Refer to specific root ball sizes for the min. diameter tree pit.
- Trees shall be first quality representatives of their species and shall meet all requirements otherwise stipulated. The Landscape Architect reserves the right to reject plant materials in the field, at the growing location, or at the job site at any time during the project.
- Test all tree pits for drainage. Any tree pit that holds water for more than 24 hours shall be installed using filter fabric wrapped perforated drainage tube (sloped to low point) and a washed pea gravel pit well drain

