

**TREE PROTECTION NOTES:**

1. THE TREE PROTECTION ZONE IS DETERMINED BY MEASURING ONE FOOT IN RADIUS AWAY FROM THE TRUNK OF THE TREE FOR EVERY ONE INCH IN DIAMETER AT 4.5 FEET IN HEIGHT. NO MORE THAN 10% OF THE TREE PROTECTION ZONE MAY BE DISTURBED WITH FILL OR GRADING WORK. ANY IMPERVIOUS AREA WITHIN THE EXISTING TREE PROTECTION ZONE DOES NOT NEED TO BE INCLUDED IN PRESERVATION MEASURES.
2. WITHIN THE TREE PROTECTION ZONE OF A TREE, THERE MAY BE NO CUT OR FILL MATERIAL, UNLESS A CERTIFIED ARBORIST HAS EVALUATED AND IS DETERMINED THAT THE DISTURBANCE WILL NOT IMPACT THE HEALTH OF THE TREE.
3. PRIOR TO AND DURING CONSTRUCTION, TEMPORARY BARRIERS MUST BE ERRECTED AROUND ALL PROTECTED TREES WITH BARRIERS A MINIMUM OF FOUR FEET IN HEIGHT. THERE MAY BE NO STORAGE OR MOVEMENT OF EQUIPMENT, MATERIAL, DEBRIS, OR FILL WITHIN THE FENCED, TREE PROTECTION ZONE.
4. DURING CONSTRUCTION, THE APPLICANT MUST PREVENT THE CLEANING OF EQUIPMENT OR MATERIAL, OR THE STORAGE AND DISPOSAL OF WASTE MATERIAL, SUCH AS PAINTS, OILS, SOLVENTS, ASPHALT, CONCRETE, MOTOR OIL, OR ANY OTHER MATERIAL, POTENTIALLY HARMFUL TO THE TREE WITHIN THE DRIP LINE OF ANY PROTECTED TREE. NOTHING WITHIN THIS SECTION IS INTERPRETED AS AN AUTHORIZATION TO IGNORE OR VIOLATE APPLICABLE FEDERAL OR STATE HAZARDOUS WASTE LAWS.
5. NO DAMAGING ATTACHMENT, WIRES, SIGNS, OR PERMITS MAY BE FASTENED TO ANY PROTECTED TREE.

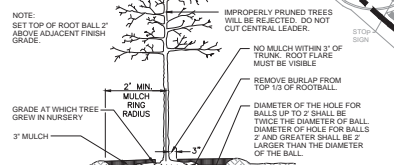
**TREES INSTALLED IN 2009**

QTY	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	ROOT	REMARKS
12	ZELKOVA SERATA	ZELKOVA	1/2"	6'	REDUCED	FULL SPHERICAL
12	GREEN VASE ZELKOVA	GREEN VASE ZELKOVA	1/2"	6'	REDUCED	FULL SPHERICAL
12	GREY OWL JUNIPER	GREY OWL JUNIPER	1/2"	6'	REDUCED	FULL SPHERICAL
12	VARIEGATED LIROPE	VARIEGATED LIROPE	1/2"	6'	REDUCED	FULL SPHERICAL
14	KAREN AZALEA	KAREN AZALEA	1/2"	6'	REDUCED	FULL SPHERICAL

8mi logo with tagline "Know what's below. Call before you dig." and a graphic scale of 1 inch = 20 feet TN State Plane (NAD 83, NAVD 88).

**LANDSCAPE NOTES:**

1. WHEN APPLICABLE, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING TREES TO REMAIN. NO HEAVY EQUIPMENT SHOULD BE PERMITTED TO OPERATE OR BE STORED, NOR ANY MATERIALS TO BE HANDLED OR STORED, WITHIN THE DRIP LINES OF TREES OUTSIDE THE LIMIT OF GRADING.
2. THE QUANTITIES INDICATED ON THE PLANT LIST AND PLAN ARE PROVIDED FOR THE BENEFIT OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY CALCULATIONS AND THE LIABILITY WHICH PERTAINS TO THESE QUANTITIES AND TO ANY RELATED CONTRACT DOCUMENTS AND/OR PRICE QUOTATIONS. QUESTIONS SHOULD BE DIRECTED TO THE LANDSCAPE ARCHITECT.
3. ALL PLANT MATERIALS SHALL BE NURSERY GROWN, GRADE "A" QUALITY, UNLESS OTHERWISE NOTED AND SHALL COMPLY WITH THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1, LATEST EDITION, FOR SIZE AND QUALITY.
4. NO SUBSTITUTIONS AS TO TYPE, SIZE, OR SPACING OF PLANT MATERIALS SPECIFIED ON THIS PLAN MAY BE MADE WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT. KITA LANDSCAPE DESIGN (615) 489-1222.
5. THE CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES AND TO PROTECT UTILITIES THAT ARE TO REMAIN. THE CONTRACTOR SHALL REPAIR ANY DAMAGE ACCORDING TO LOCAL STANDARDS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
6. SOIL ALL DISTURBED AREAS: MULCH + SANDS
7. SOIL USED FOR PLANTING SHALL CONSIST OF (B) PARTS TOPSOIL, (1) PART SAND AND (2) PARTS ORGANIC MATTER, MIXED WITH 10 POUNDS OF FERTILIZER PER CUBIC YARD. A. SAND SHALL BE CLEAN MASONRY SAND. B. ORGANIC MATTER SHALL BE PEAT MOSS OR WELL-COMPOSTED PINE BARK, OR APPROVED EQUAL AND SHALL BE FINELY GROUND AND FREE OF WEEDS. C. ALL FERTILIZER SHALL BE 10-10-10 WITH MINOR ELEMENTS. FERTILIZER SHALL HAVE 40-50% OF ITS TOTAL NITROGEN IN A WATER INSOLUBLE FORM.
8. PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANT BEDS AND SOO AREAS PRIOR TO INSTALLATION. TERBILAN OR AN EQUIVALENT SHALL BE USED.
9. ALL PLANT BEDS SHALL HAVE A MINIMUM OF 3" DEEP MULCH. MULCH SHALL BE SHREDDED HARDWOOD.
10. IT IS THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO CONFIRM MATERIAL QUANTITIES. IN THE EVENT OF A DISCREPANCY, THE QUANTITIES SHOWN ON THE PLAN SHALL TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT LIST.
11. PRIOR TO FINAL PAYMENT, THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE WRITTEN INSTRUCTIONS ON PROPER CARE OF ALL SPECIFIED PLANT MATERIALS.
12. THE LANDSCAPE INSTALLATION SHALL BE COORDINATED WITH THE IRRIGATION INSTALLATION WHEN APPLICABLE.
13. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM STRUCTURES AND TAKE SPECIAL CARE TO INSURE THAT BED PREPARATION DOES NOT INHIBIT DRAINAGE.
14. ALL LAWN AREAS SHALL BE CULTIVATED TO A DEPTH OF 4" PRIOR TO SOODING AND SEEDING. PREPARED TURF BEDS SHALL BE FREE FROM STONES OVER 2" DIAMETER, WEEDS AND OTHER DELETERIOUS MATERIAL.
15. THE LANDSCAPE CONTRACTOR SHALL RAKE SMOOTH ALL SEED OR SOO AREAS PRIOR TO INSTALLATION.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILLING BEHIND THE CURB SO GRADE IS LEVEL WITH TOP OF CURB.
17. SOODED AREAS SHALL HAVE NO BARE AREAS. SEEDED AREAS SHALL BE CONSIDERED ACCEPTABLE WHEN FULL COVERAGE OF THE PERMANENT TURF GRASS SPECIES IS ESTABLISHED.
18. CUT AWAY ROPES OR WIRES FROM BAB PLANTS. PULL BACK BURLAP FROM TOP OF ROOT BALL. DO NOT ALLOW BURLAP TO BE EXPOSED AT SURFACE. TOTALLY REMOVE BURLAP IF IT IS SYNTHETIC.
19. IF CONTAINER GROWN PLANTS SHOW SIGNS OF BEING ROOT BOUND, SCORE ROOTS VERTICALLY.
20. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE.
21. ALL REPLACEMENTS SHALL BE OF THE SAME TYPE, SIZE, AND QUALITY AS SPECIFIED ON THE PLANT LIST, UNLESS APPROVED OTHERWISE IN WRITING BY THE LANDSCAPE ARCHITECT.
22. ANY MATERIAL THAT IS DEEMED TO BE 25% DEAD OR MORE SHALL BE CONSIDERED DEAD, AND MUST BE REPLACED AT NO CHARGE. A TREE IS CONSIDERED DEAD WHEN THE MAIN LEADER HAS DIED BACK, OR MORE THAN 25% OF THE CROWN IS DEAD.
23. REPLACEMENTS SHALL BE MADE DURING THE NEXT PLANTING SEASON UNLESS THE LANDSCAPE CONTRACTOR AGREES TO AN EARLIER DATE. PLANTING DATES: SPRING: MARCH 15 - APRIL 15 FALL: OCTOBER 1 - NOVEMBER 30
24. THE LANDSCAPE CONTRACTOR WILL NOT BE RESPONSIBLE FOR PLANT MATERIAL THAT HAS BEEN DAMAGED BY VANDALISM, FIRE, RELOCATION, WILDFIRE, THEFT, OR OTHER ACTIVITIES BEYOND THE LANDSCAPE CONTRACTOR'S CONTROL.
25. PLANT MATERIAL SHALL BE APPROPRIATE FOR THE APPLICABLE USDA PLANT HARDNESS ZONE.
26. SPECIES MUST MEET BOTH MINIMUM CALIPER OR GALLON SIZE AND HEIGHT IF LISTED.
27. LANDSCAPE CONTRACTOR TO MAINTAIN LANDSCAPING FOR 90 DAYS AFTER TURNOVER. MAINTENANCE SHALL INCLUDE MOWING, EDGING AND TRIMMING SHRUBS.



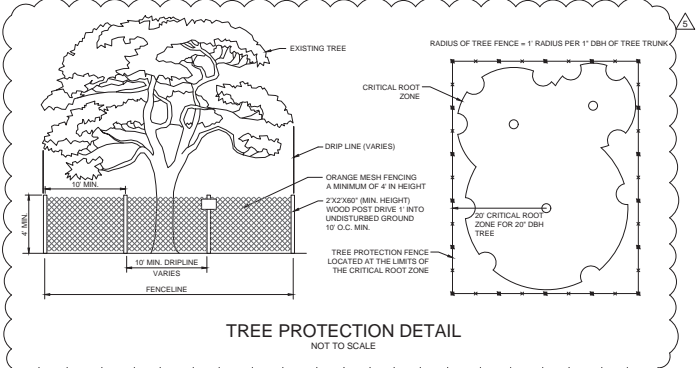
**LANDSCAPE CALCULATIONS**

TOTAL SITE ACREAGE:	388,672 SF	(9.2 AC)
TREES PER ACRE:	54.9	74

(BASED ON PREVIOUS LANDSCAPE PLAN - 2009)

**DECIDUOUS TREE PLANTING**  
NOT TO SCALE

QTY	COMMON NAME	BOTANICAL NAME	HEIGHT	TRUNK	SPACING	Max. Hgt.	COMMENTS
<b>CANOPY TREES</b>							
6	Green Vase Japanese Zelkova	Zelkova serata 'Green Vase'	10' - 12'	2" Cal.		60' - 80'	BAB
6	TOTAL - CANOPY TREES						
<b>UNDERSTORY/COLUMNAR TREES</b>							
4	Yoshino Cherry	Prunus x yedoensis	8' - 10'	2" Cal.		30' - 40'	BAB
4	TOTAL - UNDERSTORY TREES						
<b>SHRUBS</b>							
26	Blue Hydrangea	Hydrangea paniculata 'L'VORO'	12" - 18"	3 Gal.			Container
15	China Girl Holly	Ilex x meserveae 'Messig'	24" Min.	5 Gal.	3.5' oc.		Container
28	Green Velvet Boxwood	Buxus 'Green Velvet'	24" Min.	5 Gal.			Container
13	Grey Owl Juniper	Juniperus virginiana 'Grey Owl'	24" Min.	3 Gal.			Container
19	Girl Stream Nandina	Nandina domestica 'Girl Stream'	12" Min.	3 Gal.			Container
42	Karen Azalea	Azalea x 'Karen'	18" Min.	3 Gal.			Container
3	Little Henry Sweetspine	Itea virginica 'Little Henry'	14" Min.	3 Gal.	4' oc.		Container
148	TOTAL - SHRUBS						
<b>GRASSES, PERENNIALS AND GROUND COVER</b>							
27	Karl Foerster Grass	Calamagrostis x acutiflora 'Karl Foerster'		1 Gal.			
42	Variegated Liriope	Liriope muscari 'Variegata'		1 Gal.			
<b>TURF</b>							
	Hybrid Fescue Seed/Sod	Drought tolerant fescue blend					



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LANDSCAPE PLAN

L-1.1

Agenda item #38  
10-B-20-SU  
Revised: 10/20/20

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