



WEST HIGH SCHOOL



LANDSCAPE DESIGN



WEST HIGH SCHOOL LANDSCAPE

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Prepared for the West High School PTSO by:

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BACKGROUND: West High School has had many additions and modifications over the years which have resulted in an inconsistent level of site development. The West High School Parent Teacher Student Organization formed a grounds committee to address this problem and to improve the visual image of the school. A major fence and street tree project was planned and funded with construction underway in spring 2007. The grounds committee now wants to address the rest of the site with a master plan which will allow phased implementation over several years.

DATE ACCEPTED: February 13, 2007

CLIENT ORGANIZATION: West High School Parent Teacher Student Organization

LOCATION: 2634 Magnolia. Avenue
Knoxville, TN 37915

CLIENT REPRESENTATIVE: Kristin Bianconi

PROFESSIONAL ADVISOR: Cliff Brooks, Sr. Landscape Designer, CRJA

PROJECT COORDINATOR: J. Perry Childress

STUDENT INTERN: Caleb Lillard

SCOPE OF WORK: Landscape proposal for school site with master plan and small area studies.

CLOSING DATE: May 16, 2007



GENERAL INFORMATION

West High School is located at the corner of Tobler Lane and Sutherland Avenue just West of downtown Knoxville. The school site has become heavily developed with consecutive additions to the school building and adjacent parking lots. Over the years attempts have been made to beautify the site, but without a cohesive plan the results were disjointed. The West High School PTSO decided that a master plan would help guide their efforts over time to a coordinated site-wide landscape. With the construction of a decorative perimeter fence underway it was time to plan the rest of the site. Several problem areas needed to be addressed to resolve view, drainage, and pedestrian circulation problems. There were also opportunities to create visual settings and outdoor use areas.

DETAILED INFORMATION

To develop a landscape master plan for the West High School campus the East Tennessee Community Design Center worked with volunteer landscape designer Cliff Brooks and Caleb Lillard, a landscape design student intern from the University of Tennessee. ETCDC staff Perry Childress and Abby Loeffler assisted with final document production. Mr Lillard coordinated his work with the design volunteer and client representative Kristin Bianconi to analyze problems and opportunities and to review design proposals. Several high impact areas were focused on and specific proposals developed which were presented in illustrated vignettes. Each vignette was based on an existing condition photograph from which Mr. Lillard illustrated the proposed improvements. A colored and annotated overall site plan was also prepared with a legend key for interpretation of illustrated plantings. The preparation of a plant list provides a palette of appropriate plant material from which to choose for long term, phased implementation.



PHOTOGRAPHS

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The following photograph represent conditions at the time of this design project. These photos and others taken at the same time were used a the basis for the design drawings that follow.

- 4 Sutherland Avenue elevation
- 5 Tobler Lane elevation
- 6 Aerial photograph



PLANT LIST

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The following plant list was prepared by Cliff Brooks, Senior Landscape Designer at Carol Johnson and Associates. It provides a options for plant selection based on the types of plant material called for on the site plan.

Plant List:	Common Name	Spec Size	Mature Size
<u>Deciduous Trees:</u>			
Quercus Lyrata Highbeam	Overcup Oak	4" cal.	80'ht. x 60'spd.
Acer Rubrum 'Autumn Glory'	Autumn Glory Red Maple	4" cal.	80'ht. x 60'spd.
Tilia Cordata 'Greenspire'	Greenspire Littleleaf Linden	4" cal.	50'ht. x 40'spd.
<u>Flowering Trees:</u>			
Prunus Quanzan 'Kwanzan'	Yoshino Cherry	3" cal.	30' ht. x 30'spd.
Malus ssp.	Flowering Crabapple	3" cal.	30' ht. x 30'spd.
<u>Container Trees:</u>			
Lagerstroemia Indica 'Natchez'	Natchez Crape Myrtle	8'-10' ht.	25' ht' x 20'spd
Crataegus viridis 'Winter King,	Winter King Hawthorne	2" cal.	25' ht' x 20'spd
<u>Shrubs:</u>			
Ilex x meservae 'China Girl'	China Girl Holly	36"-42"spd	4' ht x 4' ht
Ilex x glabra 'Shamrock'	Shamrock Holly	36"-42"spd	4' ht x 4' ht
Ilex vomitoria 'nana'	Dwarf yaupon holly	24"-30"spd	4' ht x 4' ht
Prunus 'Otto Luyken'	Otto Luyken Cherry Laurel	36"-42"spd	4' ht x 4' ht
<u>Groundcover</u>			
Juniperus Chinensis 'blue rug'	Blue Rug Juniper	18"-24"spd	12" ht. x 36"spd
Juniperus c. 'Nicks Compact'	Nick's Compact Juniper	18"-24" spd	30" ht x 54" spd



DRAWINGS

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These drawings represent design intent only and are NOT intended for, nor should they be used as, construction documents. Further professional assistance may be required to provide those services. The client accepts all liability for the use of these drawings.

9 Site Master Plan

10 Focus Area Vignettes