

# **Tree Preservation Plan**

This plan is written by:           Capital City Tree Experts, inc.  
5506 Goucher Lane  
Monona, WI 53716

This plan is written for:       Julie Sager

Dear Julie Sager,

This report is written for the vacant land located at 209 North Prospect St. Madison, WI. 53726. The intent of this report is to provide the following:

- An inventory of trees on site;
- A visual tree assessment of the trees for health and condition;
- Recommendations regarding which trees should be saved; and
- Construction management recommendation regarding tree protection for trees identified to be saved

All trees on subject site were evaluated for health and visual defects. Each Tree has been assigned an ID# and a rating. The definitions of the ratings are as follows:

- Hazard = dead, dying, or dangerous tree that should not be retained.
- Low = Poor specimen. Some caution if retained
- Moderate = Common species with minimal character. Can be retained.
- High = Good character tree, save if possible.
- Special = unique species, specimen or form. Save if possible

## **Tree Protection Fencing and Construction Management**

I recommend that tree protection fencing be installed around the root zone of each tree to be saved before excavation; demolition, land clearing, or grading begins. For every inch of diameter, fencing should be 1 foot from the tree trunk, or to the edge of the tree drip line. The fencing will be of a high visibility in color and supported by fence posts. All fencing should remain in place until construction is completed. Within the fenced areas, you should not store materials, park or maneuver vehicles, excavate for utility or building construction, construct new paved surfaces, or change grade. If fencing needs to be moved close to a tree, for construction ease, then I recommend that you contact me, or another certified arborist, for additional evaluation.

**Tree Inventory** – the list of trees below summarizes my findings and recommendations.

#1 White Pine (*Pinus monticola*) DBH = 14 inches

- Not significant
- Moderate preservation value
- Recommend saving

# 2 Tamarack (*Larix laricina*) DBH = 15 inches

- Not significant
- Low preservation value (missing top, many dead or broken branches)
- Recommend removal

#3 Honey Locust (*Gleditsia triacanthos*) DBH = 27.7 inches

- Not significant
- Low preservation value ( large tree very close to existing home and large limbs loom over roof of house, tree is approaching end of useful life, will become a hazard in the future)
- Recommend removal

#4 Eastern Hemlock (*Tsuga Canadensis*) DBH = 9.5 inches

- Significant (good form and vigor, good natural barrier between properties)
- Moderate preservation value
- Recommend saving

#5 American Elm (*Ulmus americana*) DBH = 11.14 inches

- Not significant
- Moderate preservation value
- Recommend saving

#6 American Elm (*Ulmus americana*) DBH = 10.2 inches

- Not significant
- Moderate preservation value
- Recommend saving

#7 Black Spruce (*Picea mariana*) DBH = 8.6 inches

- Significant (Good form, natural barrier, and good location to grow on property)
- Moderate preservation value
- Recommend saving

#8 Black Spruce (*Picea mariana*) DBH = 8 inches

- Significant (Good form, natural barrier, and good location to grow on property)
- Moderate preservation value
- Recommend saving

#9 Black Spruce (*Picea mariana*) DBH = 17 inches

- Not significant
- Moderate preservation value
- Recommend saving

#10 Black Locust (*Robinia pseudoacacia*) DBH = 21.9 inches

- Not significant
- Low preservation value (tree has dead, broken, and split branches. Tree is approaching the end of its useful life. Tree will become a hazard in the future. Black locusts are sometime labeled as invasive species in Wisconsin)
- Recommend removal

#11 Blue Spruce (*Picea pungens*) DBH = 14 inches

- Significant (provides good natural barrier)
- Moderate preservation value
- Recommend saving

## **Conclusions**

The recommendations above are based on the condition of the trees, and the potential preservation value. I recommend replacing the 3 trees that should be removed with more desirable species. I recommend the following trees to be used as suitable replacement plantings; Red Maple (*Acer rubrum*), River Birch (*Betula nigra*), or one of the many cultivars of flowering crabapples.

Sincerely,

William Torgeson and Darrell Krenz  
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