



Parks & Gardens Committee

Glenwood Childrens' Park

East Slope Restoration Project *Scope of Services for Ray Murphy / Vanaheim Landscaping* Revised Implementation Schedule *November 2016 – August 2017*

The East Slope Restoration Project is mitigating a steep, potentially highly erodible area in Glenwood Park where the current adopted woodland management has prescribed tree removals which were completed Spring 2016 by Madison Parks & Forestry.

DMNA has raised funds to stabilize and restore this slope area under a Landscape Plan and techniques that utilize the felled tree limbs, logs and brush to create a surface stabilization structure that is intended to decay-in-place while native plantings are established. DMNA has interviewed potential contractors to assist with this site work and intends to hire Raymond Murphy / Vanaheim Landscaping to carry out the work.

No mechanized or heavy equipment shall be entering the park to carry out this work.

The limbs being used are manageable by hand and are being deployed downhill into the slope from Glenway Street delivery by Madison Forestry crews as needed to complete the surface stabilization structure.

As per the Glenwood Childrens' Park Urban Forestry Management Plan, adopted by the Madison Parks Commission at the Board of Commissioners meeting on June 12, 2013; as well as prior meetings and documents with Madison Parks staff, the following site work shall be included in the East Slope Restoration Area which is part of Management Unit 2 of the Forestry Management Plan:

Scope of Services

- 1: Removals of Black Locust suckers & other undesirable small caliper species in "East Slope Restoration Area"
In general removals are not being dug/grubbed out; but cut and treated with systemic herbicide leaving root systems in place to not disrupt existing soil conditions and create more erosive conditions.

Raymond Murphy/ Vanaheim Landscaping has a valid herbicide applicators certificate: WI Dept of Agriculture, Trade & Consumer Protection License #284703 Expiration date 10/31 2017. See attached.

- 2: Installation of logs, limbs and "brush bundles" by chainsaw cutting and fitting of the supplied downed tree materials as per the plan using stumps of prior tree removals as the principal anchorage points.

Raymond Murphy/ Vanaheim Landscaping has certification in chainsaw safety field training covering OSHA 1910.266 Rules & Regulations completing level 2 from Forest Safety Instruction. See attached below.

- 3: Facilitate chainsaw brush processing as needed for a series of overwinter workshops with volunteer Scout & Student volunteer groups currently being trained in creating "Brush Bundles". So far two groups representing 75 scouts and students, and 15 teachers and other adults have participated in 2 workshops.

- 4: Installation of biodegradable erosion fabric, mulch & associated gradework in between the installed logs, limbs & brush bundles as needed.

- 5: Installation of cover crops, native seed, & plants as needed.

- 6: Follow-up herbicide treatment of Black Locust suckers from existing roots through August 2017



VANAHEIM LANDSCAPING & GARDENING, LLC

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Madison, Wisconsin 53714

RAYMOND MURPHY 608-334-4760 vanaheimgardens@gmail.com

EXPERIENCE: I have been landscaping since I was nineteen, and I started Vanaheim Landscaping & Gardening, LLC in 2014. Some of the more recent companies I have worked for include:

2012-2014

GOOD OAK

MADISON, WI

I still work with Good Oak as a subcontractor operating machines and chainsaws for woodland restoration, hardscapes, and prescribed burns.

- Built rain gardens, bioswales, and retaining walls
- Restored woodlands, prairies, stream and river banks
- Hillside management
- Installed and maintained small scale prairies
- Employed extensive knowledge in distinguishing weeds from native plants
- Built timber walls for raised beds; edging and mulching
- Installed patios with natural stone and created stone stairways with boulder edges

2007-2010

FORMECOLOGY

EVANSVILLE, WI

- Worked on native landscapes and hardscapes

2005-2007

AVANT GARDENING

McFARLAND, WI

- Installed rain gardens, French drains, and retention ponds
- Transplanted and planted trees and shrubs by hand and by bobcat
- Installed brick and flagstone patios and walkways
- Constructed and cared for formal planting beds
- Shoveled and used a snow blower during the winter

2002-2005

APPLIED ECOLOGICAL SERVICES

BRODHEAD, WI

- Supervised and instructed crew to follow plans in the most timely and cost-effective manner
- Restored wetlands and stream banks, installed rain gardens, and worked with native species
- Skillfully operated landscape equipment (bobcat, chainsaw, tractor, brush saw, sod cutter, roto-tiller, gas-powered edger, scarifier, planting drill, jackhammer, concrete saw, etc.)



Forest Safety Instruction
CERTIFICATION OF PARTICIPATION
 May it be known that
Ray Murphy
 Has participated in hands-on chainsaw safety field training covering OBHA 1910.269 Rules and Regulations Completing level 2 on November 15, 2014
Nathan S. Stanford
 Nathan S. Stanford, Forest Safety Instruction
 Independent Chainsaw Instructor
 EDS-844-0482 **SAWW**

Individual Commercial Pesticide Applicator
 For Hire
Raymond J Murphy
 License Number: 284703-CA
 63 - 022475 - 018799
 Certification Expiration Date: Oct 31 2017
 Expiration Date: December 31, 2018

Department of Agriculture, Trade and Consumer Protection
 2811 Agriculture Drive
 PO Box 8911
 Madison, WI 53708-8911
 Applicant Name: **RAY J MURPHY**
 Categories: **0000**
 Certification Number: **89788**
 Expiration Date: **10/31/2017**



Brush Bundling Jigs



Nov 20, 2016 Glenwood Workshop
 10-11 year old Junior Girl Scouts