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**Description of Services and Means of
Control Portion of This Contract
*Spring-Summer 2020***

Early Spring Inspection: This inspection is a Horticultural Oil treatment of dormant and early hatching insects. (Approximate Treatment Dates: 3/29-4/19) Course of Treatment: 3 or 6

Spring Organic Deep Root Liquid Fertilizer: There are four reasons why a natural, organic liquid fertilizer should be applied to your trees and shrubs. They are: (1) stimulates good root development; (2) neutralizes toxic elements in the soil; (3) reduces plant stress, which creates a stronger resistance to drought, insect infestation, and disease; (4) reduces soil compaction allowing proper absorption of soil nutrients. If this service has not been suggested in your contract, we will inspect your trees and shrubs after they come into full leaf. If at that time fertilization is necessary, we will submit to you a supplementary proposal.

Mid Spring Inspection: This inspection is designed to control and treat the following insects: spruce spider mite, European pine sawfly, tent caterpillar, canker worms, honey locust plant bug, dogwood borer, lilac borer, and other insects and common diseases prevalent at this time. One or more of these products may be used to treat plant specific problems on your property. These are not blanket sprays but target specific applications to minimize the amount of material applied to your property and provide proper control. (Approximate Treatment Dates: 5/10-5/31) Possible Products: 1-16, 20

Late Spring/Early Summer Inspection: This inspection is designed to control and treat the following insects: bag worm, aphid, imported willow leaf beetle, hemlock woolly adelgid, leaf hopper, mites, and other insects and common diseases prevalent at this time. One or more of these products may be used to treat plant specific problems on your property. These are not blanket sprays but target specific applications to minimize the amount of material applied to your property and provide proper control. (Approximate Treatment Dates: 6/7-6/28) Possible Products: 1-16, 20

Mid Summer Inspection: This inspection is designed to control and treat the following insects: Japanese beetle, mites, whiteflies, fall webworm, aphids, pine sawflies, euonymus scale, and other

insects and common diseases prevalent at this time. One or more of these products may be used to treat plant specific problems on your property. These are not blanket sprays but target specific applications to minimize the amount of material applied to your property and provide proper control. (Approximate Treatment Dates: 7/5-7/26) Possible Products: 1-16, 20

Late Summer Inspection: This inspection is designed to control and treat the following insects: Cherry scale, whiteflies, Japanese beetle, spider mites, fall webworm, hemlock scale, aphids, and other insects and common diseases prevalent at this time. One or more of these products may be used to treat plant specific problems on your property. These are not blanket sprays but target specific applications to minimize the amount of material applied to your property and provide proper control. (Approximate Treatment Dates: 8/1-8/21) Possible Products: 1-16, 20 **Early Fall Inspection:** This inspection is designed to control the following insects: hemlock woolly adelgid, spruce spider mite, fetcher scale, and other insects and common diseases prevalent at this time. (Approximate Treatment Dates: 9/20-10/8) Course of Treatment: 3 or 6

Birch Ground Injection: Late March/Early April: This is an injection into the soil for the control of Birch Leaf Miner and Bronze Birch Borer. (Approximate Treatment Dates: 3/25-4/15 (or) 4/15-5/6) Course of Treatment: 7

Boxwood Treatment: Foliar treatments designed to treat major Boxwood problems in a landscape setting. Problems include: leaf miner, psyllid, mites, and other treatable Boxwood diseases. (Approximate Treatment Dates: 5/10-5/31, 5/14-6/14, 6/8-6/29) Possible Products: 1, 10, 13

Ornamental Disease Control Applications: Designed to prevent and cure many foliar diseases on ornamental trees and shrubs, such as Cedar Apple Rust, Apple Scab, Dogwood Anthracnose, Leaf Spot, and many other foliar diseases. (Approximate Treatment Dates: 4/14-5/5, 4/24-5/15, 5/4-5/25, 5/16-6/6, 5/25-6/15, 6/7-6/28, 6/20-7/11, 6/30-7/20, 7/10-7/31, 7/20-8/10) Possible Products: 4, 9, 10, 14, 20

Emerald Ash Borer Treatment: This treatment is for prevention of the highly invasive insect that is killing Ash trees across the country, and that is now being found in neighboring counties. We recommend this treatment to help protect your feature Ash trees from its infestation. (Approximate Treatment Dates: 5/1-5/22 (or) 5/22-6/12) Possible Products: 7, 17

Emerald Ash Borer Injection: A direct trunk injection of systemic insecticide designed to provide your feature Ash trees two years of protection against Emerald Ash Borer. (Approximate Treatment Dates: 5/1-5/22, 5/22-6/12, 6/13-7/5) Possible Products: 26, 27

Hemlock Spray: This is a property specific service designed as an inspection for and treatment off insects that cause the decline of Hemlock trees. These insects include but are not limited to: hemlock

woolly adelgid, spruce spider mite, hemlock scales, and other mites. (Approximate Treatment Dates: April: 3/25-4/15; May: 4/29-5/20; June: 6/1-22; July: 7/1-7/22; August: 8/2-8/23; September: 9/1-9/22; October: 10/5-10/26; November: 11/1-11/22) Possible Products: 3, 6

Tick Control Sprays: Tick sprays are property specific. Ticks are found to be most prevalent April through October. Please check your contract for the indicated recommended time for treatment. (Approximate Treatment Dates: April 1-21, May 1-21, June 1-21, July 1-21, August 1-21, September 1-21, October 1-21, November 1-21) Course of Treatment: 12 [**Organic Tick Spray:** 21]

Pachysandra Spray: A course of treatment consisting of a series of spray applications designed to control volutella blight and other leaf spot disease that damage Pachysandra. (Approximate Treatment Dates: 5/6-5/27, 5/20-6/10, 6/3-6/24) Course of Treatment: 13

Large Deciduous Shade Tree Spray (Caterpillar Spray): For control of caterpillar/insect problems such as gypsy moth, winter moth, oak skeletonizer, and other leaf chewing insects on large shade trees. (Approximate Treatment Dates: 5/1-5/22, 5/23-6/13) Possible Product: 1, 24

Special Sprays: These are property specific sprays designed to meet specific needs of your property. They will be noted on your contract as Special Spray #. (Any chemical listed may be needed.)

Systemic Soil Treatment: For control of lace bug, boxwood leaf miner and several other hard to control pests. (Approximate Treatment Dates: 4/1-4/22, 4/22-5/13, 5/13-6/3) Course of Treatment: 7

Beech Tree Trunk Spray: A late season systemic trunk spray of fungicide specifically designed to treat Beech Bark Disease and bleeding canker of Beech trees by direct uptake through the trunk of the tree. This treatment is for feature Beech trees which require two treatments per season due to severe infestation. (Approximate Treatment Dates: 8/19-9/9, 9/9-9/30) Course of Treatment: 10

Systemic Fungicide Treatment: A systemic trunk infusion of fungicide designed to treat diseases of ornamental trees by direct uptake through the trunk of the tree rather than foliar spraying. This is a long-lasting treatment that enables treatment of trees too tall for spraying and removes drift concerns. This treatment is primarily used for the treatment of Beech trees, but can also be utilized to treat various other trees and diseases. (Approximate Treatment Dates: 4/15-5/6, 5/7-5/28) Course of Treatment: 10

Spruce Spray: This spray is designed to treat needlecast diseases in Spruce trees and susceptible Fir trees. (Approximate Treatment Dates: 5/1-5/15, 5/20-6/10, 6/10-6/30) Course of Treatment: 13

Concentrated Bio-Stimulant: This is a bio-stimulant treatment using beneficial rhizosphere bacteria and mycorrhizae fungi in an organic kelp and humate blend. This is designed to promote general tree health and alleviate stress due to construction, drought, insects, disease and natural decline.

Summer Feed Bio-Stimulant: A summer soil enhancement application using an organic blend of kelp, humate, beneficial microbes and micro-nutrients designed to alleviate plant stress due to drought, poor soil quality, insect and disease damage, and other stress causing factors.

Summer Deer Repellent Spray: An organic deer repellent application designed to protect your valuable plantings from deer browsing damage. See your contract for timing of this application. (Approximate Treatment Dates: 6/24-7/8 (or) 7/9-7/23) Possible Products: 22, 23

Fire Blight/Bacterial Blight Spray: An early spring anti-bacterial application designed to prevent and treat bacterial diseases on ornamental trees such as fire blight and bacterial canker on Cherry trees. Early season treatment is preferred for optimum control. (Approximate Treatment Dates: 4/8-4/29 (or) 4/30-5/21) Course of Treatment: 10

Dutch Elm Disease Treatment: A root flare macro-injection of fungicide. This treatment is designed to protect your feature Elm trees from Dutch Elm Disease which is harmful to Elm trees. (Approximate Treatment Dates: 5/27-6/17, 6/18-7/9, 8/19-9/9, 9/9-9/30) Course of Treatment: 25

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The Contract Application List also has information about products that may be applied to your property as the need arises. The majority of properties do not require many of these products. The information provided is for your awareness. If the need does arise, we will use one or a combination of products to control the prevalent insects with the least toxic products available.

The need to use pesticides has been greatly decreased over the years due to better monitoring of properties for plant specific insect and disease treatment. If you have any questions, please do not hesitate to contact us.