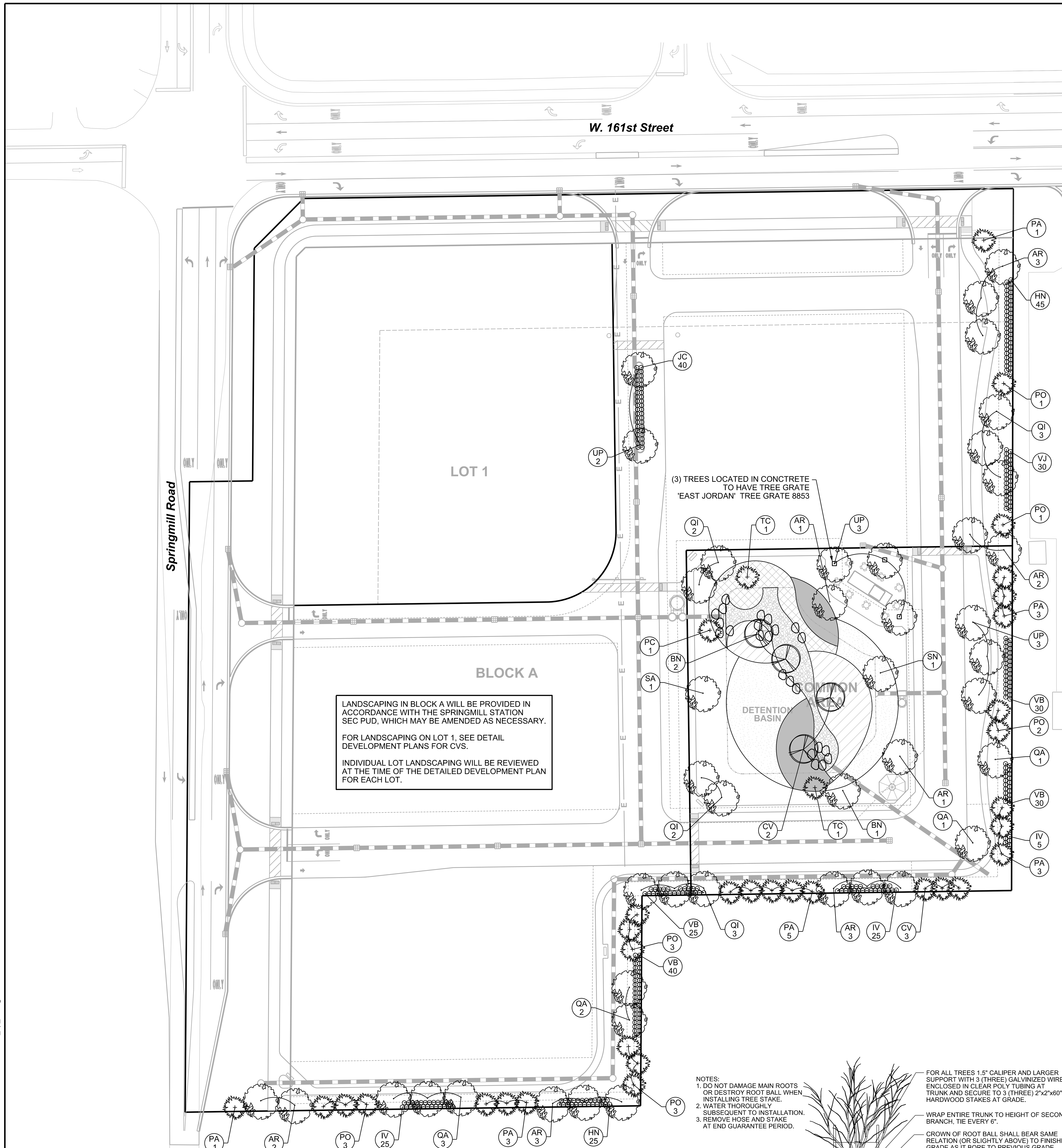


LANDSCAPE SYMBOLOGY

- CANOPY TREE
- ORNAMENTAL TREE
- EVERGREEN TREE
- SHRUB
- BOULDERS
- PA 5 — SPECIES IDENTIFIER/ PLANT COUNT
- WET-MESIC PRAIRIE SEED MIX W/ ANNUAL AND PERENNIAL FORBS SEED
- SWALE MIX (CARDNO NATIVE PLANTING MIX)
- STORM WATER SEED MIX (CARDNO NATIVE PLANTING MIX)
- DRY CREEK BED, 3"-6" DEEP FIELD BED GRAVEL
- MIDWEST MESIC POLLNATOR SEED MIX (CARDNO NATIVE PLANTING MIX)

0 40' 80'

LANDSCAPE SPECIFICATIONS

These specifications cover the furnishing of labor, plants, equipment, and materials to perform landscape operations in connection with this construction project at the locations shown on the landscape drawing.

LANDSCAPE MATERIALS: FERTILIZER:
Granular non-burning product composed of not less than 50% organic slow acting, guaranteed analysis professional fertilizer; 20% nitrogen, 10% phosphoric acid, and 5% potash by weight or similarly approved composition.

PLANTING BACKFILL SOIL:
Backfill plant pits with the following topsoil mixture: 1 part on-site topsoil, 1 part imported topsoil, 1 part compost and 1/2 pound plant specified fertilizer per cubic yard.

PLANT MATERIALS:
Provide trees and shrubs as indicated. Comply with sizing and grading standards of "American Standard for Nursery Stock". Provide only sound, healthy vigorous plants free from defects, disfiguring knots, sunscald injuries, frost cracks, plant diseases, insects or any other form of disease or infestation. All plants shall have fully developed form without voids or open spaces.

PLANTING BED MULCH:
3 inches of Grade 'A' Shredded Hardwood mulch where planting bed adjoins either pavement or turf.

PROJECT EXECUTION: SUBSURFACE UTILITIES:
Contractor shall determine utility line locations prior to commencing work. Any conflicts between utility locations, excavation and/or landscape operations shall be brought to Owner's attention prior to commencing excavation and/or grading work. Contractor assumes responsibility for any utility damage resulting from landscape operations. CONTRACTOR SHALL NOTIFY UTILITY LOCATE SERVICE (1.800.382.5544) A MINIMUM OF TWO WORKING DAYS PRIOR TO EXCAVATION.

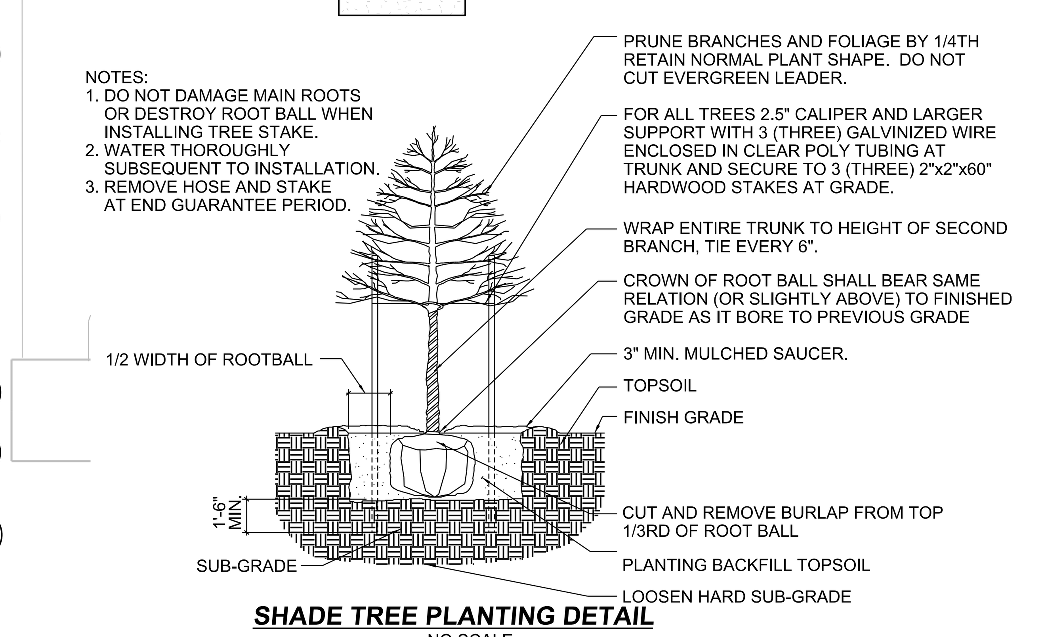
PLANTING EXCAVATION:
When conditions detrimental to plant growth are encountered, such as rubble fill, adverse drainage or obstructions, notify owner before planting. See planting details for planting, pruning and staking requirements.

NATIVE PLANTING MIX:
Complete all other landscape plantings, mulching, fine grading and staking prior to seeding native planting areas. Provide seed for all native planted areas utilizing Cardno Wet-Mesic Prairie Seed Mix w/ Annual and Perennial Forbs, Storm Water Seed Mix, Midwest Mesic Pollinator Seed Mix and Swale Mix. Apply Seed at a rate of 40 pounds per acre. Apply fertilizer at a rate of 4 pounds of actual nitrogen per 1,000 square feet. Spread topsoil over lawn areas to a depth of two inches and cultivate soil to a depth of three inches prior to seeding. Seed bed shall be in a firm but uncompacted condition with a relatively fine texture at time of seeding. Contractor shall maintain seeded areas for a period of 90 days beyond final acceptance by mowing to a height of 1' as required to maintain vigorous growth during establishment period. Native areas shall not have voids larger than 6"x6". If voids are larger than acceptable size an overseeding shall be completed by the contractor during the next available growing season. Fall growing season August 15th - September 20th. Spring growing season March 20th - April 20th.

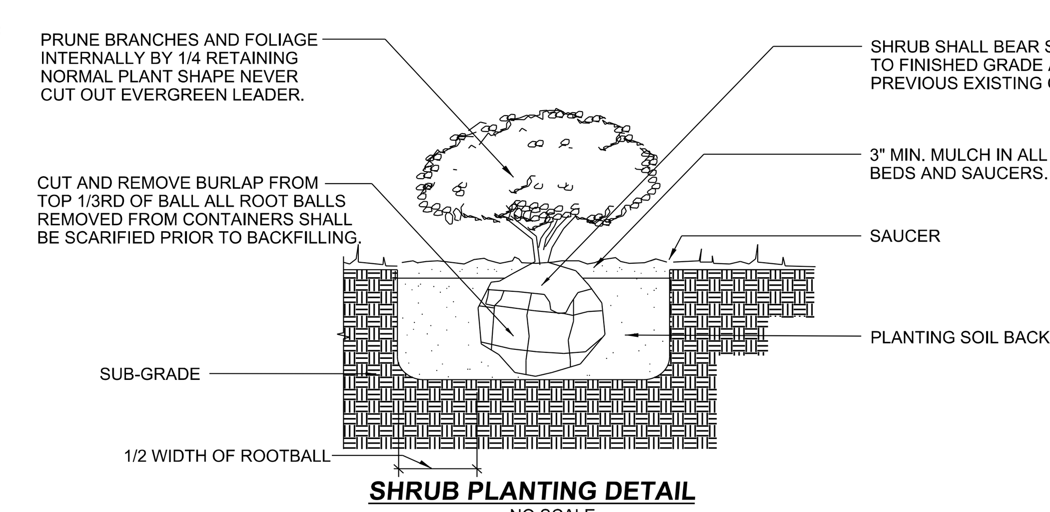
SEEDED LAWN:
Complete all other landscape plantings, mulching, fine grading and staking prior to seeding lawn areas. Provide seeded lawn for all lawn areas utilizing Amer-Turf Type Tall Fescue Blend Seed. Apply Seed at a rate of 5 pounds per 1000 square feet. Apply fertilizer at a rate of 4 pounds of actual nitrogen per 1,000 square feet. Spread topsoil over lawn areas to a depth of two inches and cultivate soil to a depth of three inches prior to seeding. Seed bed shall be in a firm but uncompacted condition with a relatively fine texture at time of seeding. Contractor shall maintain seeding lawn for a period of 60 days beyond final acceptance by mowing and watering as required to maintain vigorous growth during establishment period. Lawn areas shall not have voids larger than 6"x6". If voids are larger than acceptable size an overseeding shall be completed by the contractor during the next available growing season.
Fall growing season August 15th - September 20th. Spring growing season March 20th - April 20th.

PROJECT WARRANTY:
Contractor shall warrant trees, shrubs, and plants for a period of two years after date of substantial completion against defects including death and unsatisfactory growth, except for defects resulting from neglect by the Owner, abuse or damage by others, or unusual phenomena or incidents which are beyond installer's control. Remove and replace trees, shrubs or other plants found to be dead or in unhealthy condition during warranty period. Replace trees and shrubs which are in doubtful condition at end of warranty period.

NOTES:
1. DO NOT DAMAGE MAIN ROOTS OR DESTROY ROOT BALL WHEN INSTALLING TREE STAKE.
2. WATER THOROUGHLY SUBSEQUENT TO INSTALLATION.
3. REMOVE HOSE AND STAKE AT END GUARANTEE PERIOD.

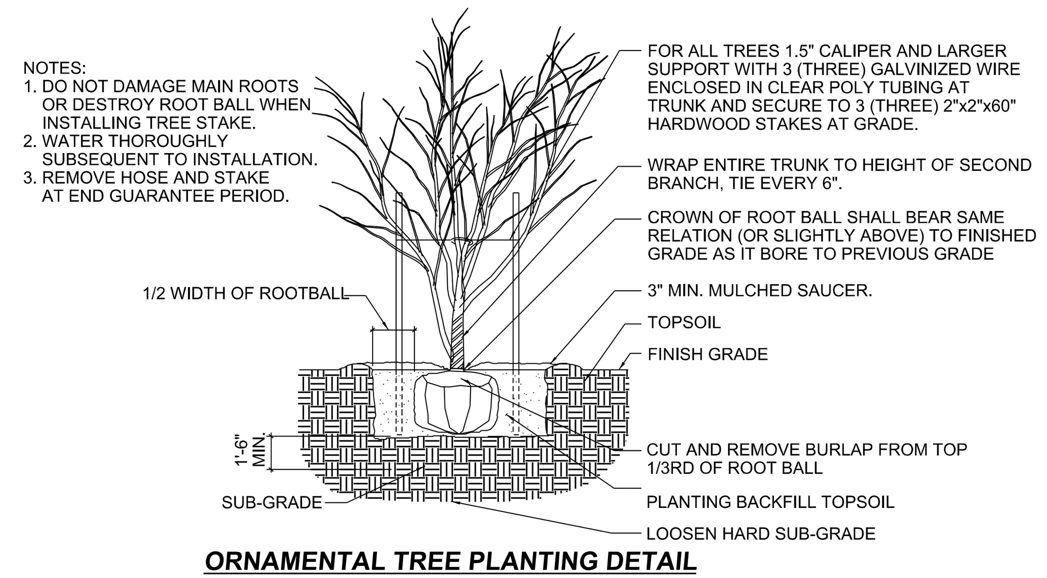


SHADE TREE PLANTING DETAIL
NO SCALE



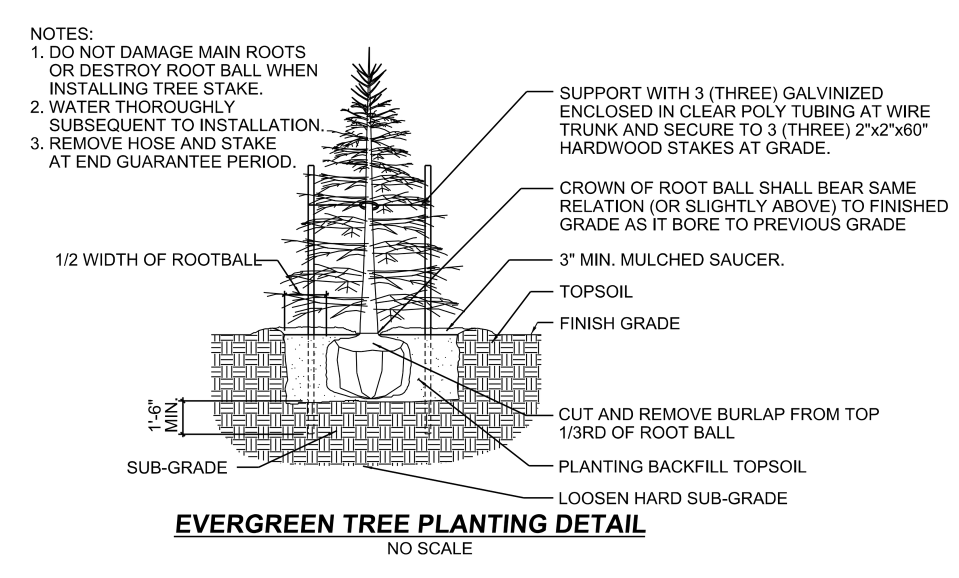
SHRUB PLANTING DETAIL
NO SCALE

NOTES:
1. DO NOT DAMAGE MAIN ROOTS OR DESTROY ROOT BALL WHEN INSTALLING TREE STAKE.
2. WATER THOROUGHLY SUBSEQUENT TO INSTALLATION.
3. REMOVE HOSE AND STAKE AT END GUARANTEE PERIOD.



ORNAMENTAL TREE PLANTING DETAIL
NO SCALE

NOTES:
1. DO NOT DAMAGE MAIN ROOTS OR DESTROY ROOT BALL WHEN INSTALLING TREE STAKE.
2. WATER THOROUGHLY SUBSEQUENT TO INSTALLATION.
3. REMOVE HOSE AND STAKE AT END GUARANTEE PERIOD.



EVERGREEN TREE PLANTING DETAIL
NO SCALE

PLANT LIST

KEY	PLANT NAME BOTANICAL NAME COMMON NAME	SIZE
AR	Acer rubrum October Glory	2" Caliper
BN	Betula nigra River birch multi stem	10'-12' Height
CV	Crataegus virdis 'Winter King' Winter King Hawthorn	8'-10' Height
HN	Hydrangea 'nantucket blue' Nantucket Blue Hydrangea	3 Gallon
IV	Ilex verticillata 'Winter Red' Winter Red Female Winterberry	5 Gallon
JC	Juniperus CH. Kallay Kallay Juniper	24" Height
PA	Picea abies Norway Spruce	6' Height
PO	Picea omorika Serbian Spruce	6' Height
QA	Quercus acutissima Sawtooth Oak	2" Caliper
QI	Quercus imbricaria Shingle Oak	2" Caliper
SN	Salix Niobe Golden Weeping' Weeping Willow	2" Caliper
TC	Tsuga canadensis Canadian Hemlock	6' Height
UP	Ulmas parvifolia 'Dynasty' Dynasty Elm	2" Caliper
VB	Vibumum x burkwoodi Burkwood Vibumum	36" Height
VJ	Vibumum x juddii Judd Vibumum	36" Height

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LANDSCAPE PLAN
SPRINGMILL STATION SE CORNER
HAMILTON COUNTY
WESFIELD, INDIANA

Sym.	Revisions	Date

Designed: RRL
Drawn: SJH
Checked: WFR
Scale: 1" = 40'
Date: 05-29-15

Project No: 07053
Sheet No: L100

07\01\2015
SCALE: 40.0000 ' / in.
Project Number: 07053
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