

project:

WAGNER FARMS

103rd & Route 59
Naperville, Illinois

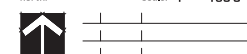
sheet description:

Overall Landscape Plan

owner:



scale: 1" = 150'

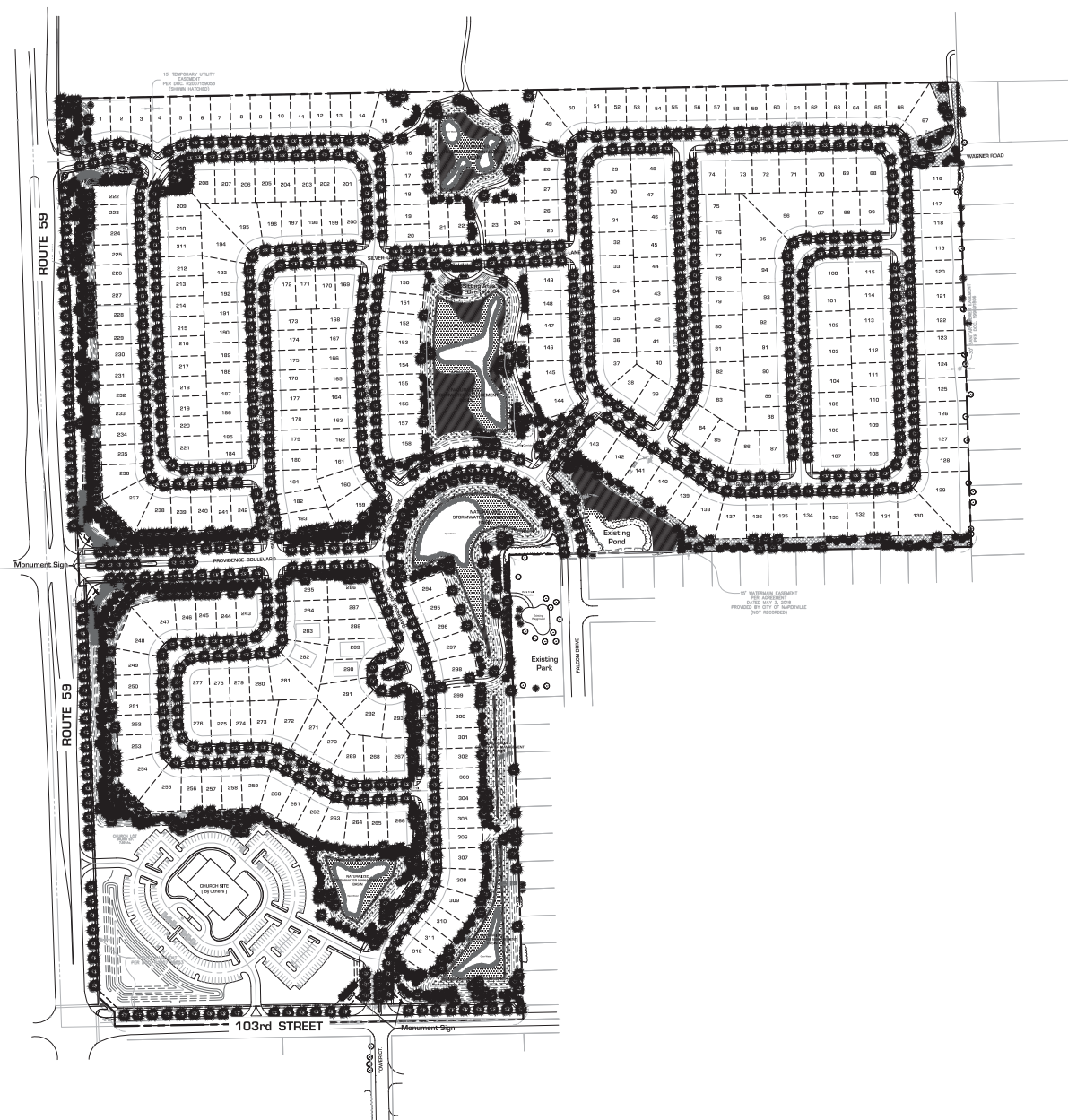
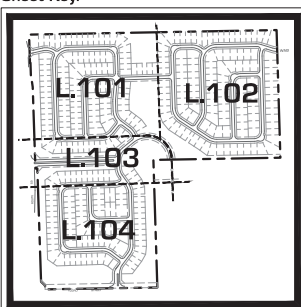


revisions: 10.26.2018 Per City Review Comments
original issue date: 1 AUGUST 2018

drawn by:
checked by:
project no.: 28005
sheet no.: L.100

- Notes :**
- See Sheet L.104 for Plant Material Legend
 - See Sheet L.106 for Parkway Trees
 - See Sheet L.105 for Turf Establishment
 - See Sheet L.108 for Seed & Plug Mixes
 - See Sheet L.109 for General Landscape Spec

Sheet Key:





Land Planning
Landscape Architecture
Environmental Site Design

100 WASHINGTON ST., NAPERVILLE, IL 60563 • 630.353.3800 FAX 630.353.3801

project:

WAGNER FARMS

103rd & Route 59
Naperville, Illinois

sheet description:

Preliminary Landscape Plan

owner:



north:



scale: 1" = 60'0"

revisions:  10.26.2019 Per City Review Comments

original issue date: 1 AUGUST 2018

drawn by:

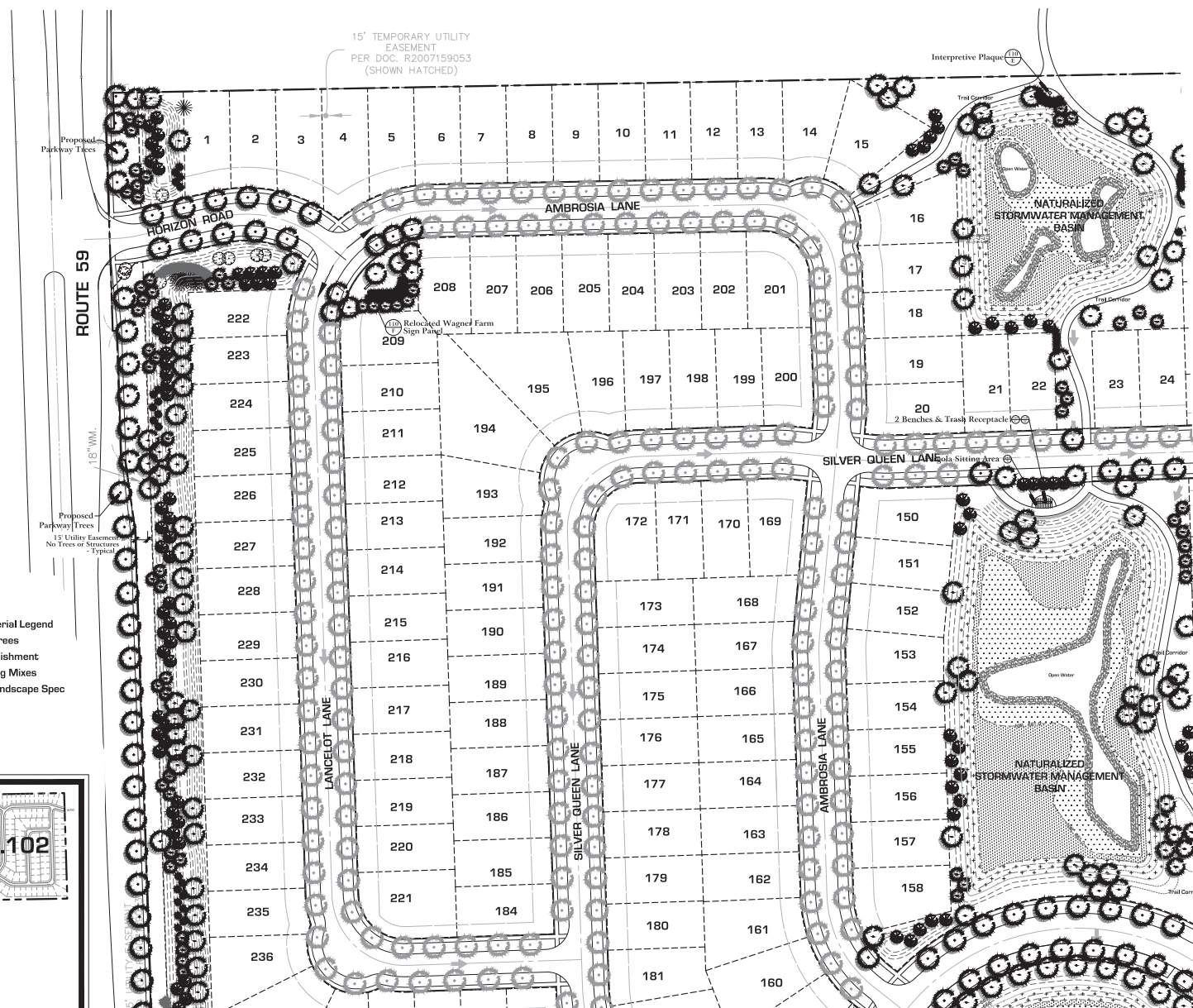
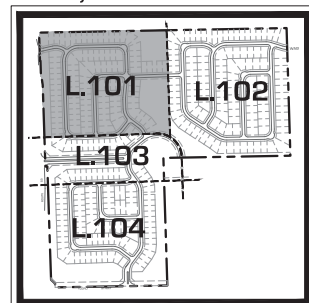
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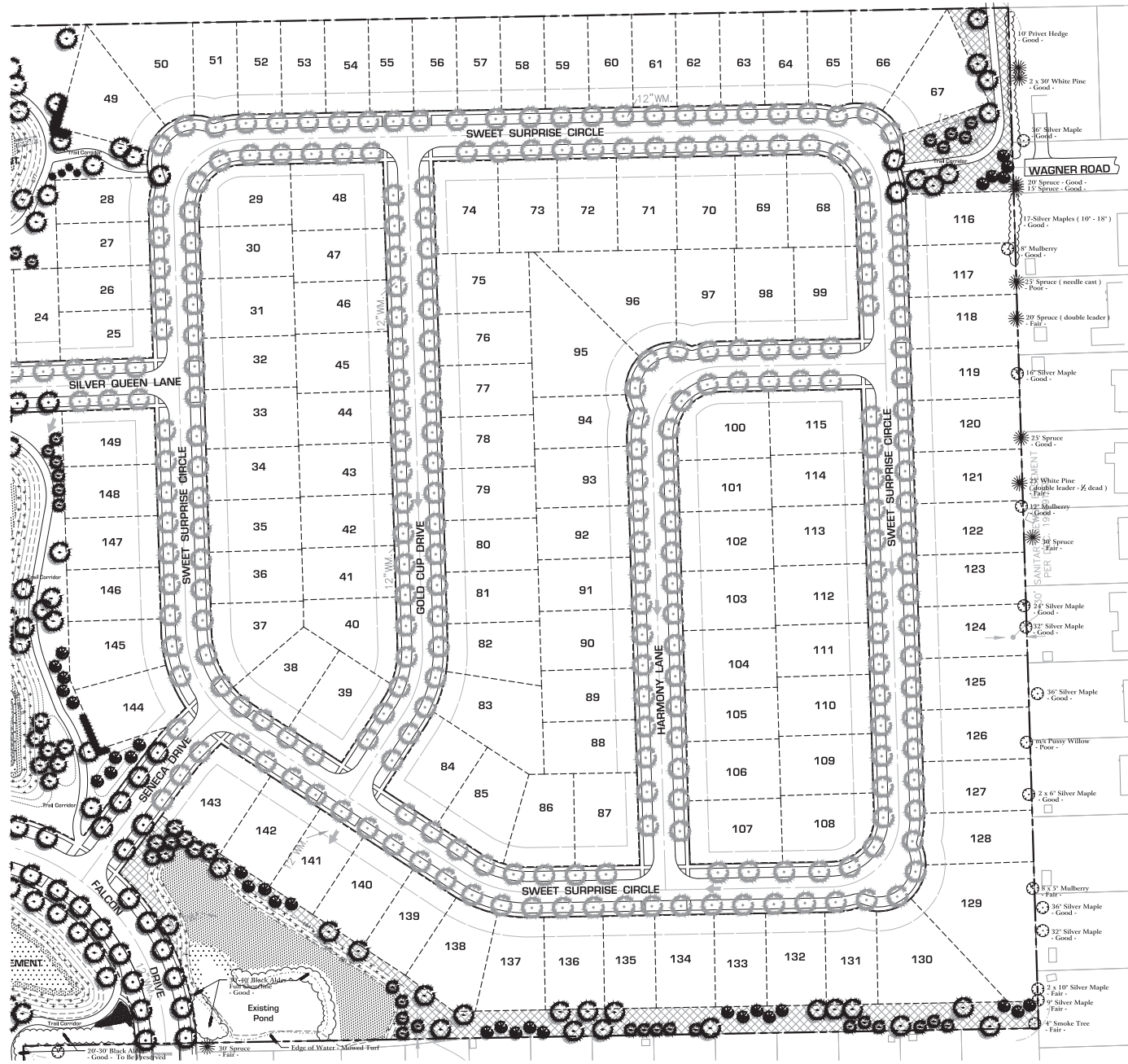
project no.: 28005

sheet no.: L.101

- Notes:
- See Sheet L.104 for Plant Material Legend
 - See Sheet L.106 for Parkway Trees
 - See Sheet L.105 for Turf Establishment
 - See Sheet L.108 for Seed & Plug Mixes
 - See Sheet L.109 for General Landscape Spec

Sheet Key:





Land Planning
Landscape Architecture
Environmental Site Design

904 WASHINGTON ST., NAPERVILLE, IL 60563 • 630.305.3800 Fax 630.305.3899

project:

WAGNER FARMS

103rd & Route 59
Naperville, Illinois

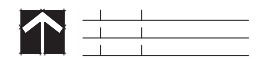
sheet description:

Preliminary Landscape Plan

owner:



north: scale: 1" = 60'0"



revisions:

1	10.26.2019	Per City Review Comments
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original issue date: 1 AUGUST 2018

drawn by:

checked by:

project no.: 28005

sheet no.: L.102

- Notes:
- See Sheet L.104 for Plant Material Legend
 - See Sheet L.106 for Parkway Trees
 - See Sheet L.105 for Turf Establishment
 - See Sheet L.108 for Seed & Plug Mixes
 - See Sheet L.109 for General Landscape Spec

Sheet Key:

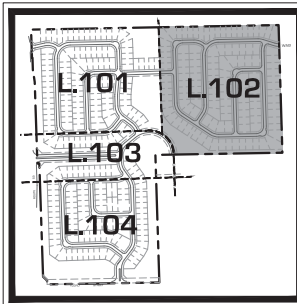


EXHIBIT C

project:

WAGNER FARMS

103rd & Route 59
Naperville, Illinois

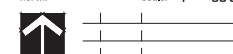
sheet description:

Preliminary Landscape Plan

owner:



scale: 1" = 60'0"



revisions: 10.26.2018

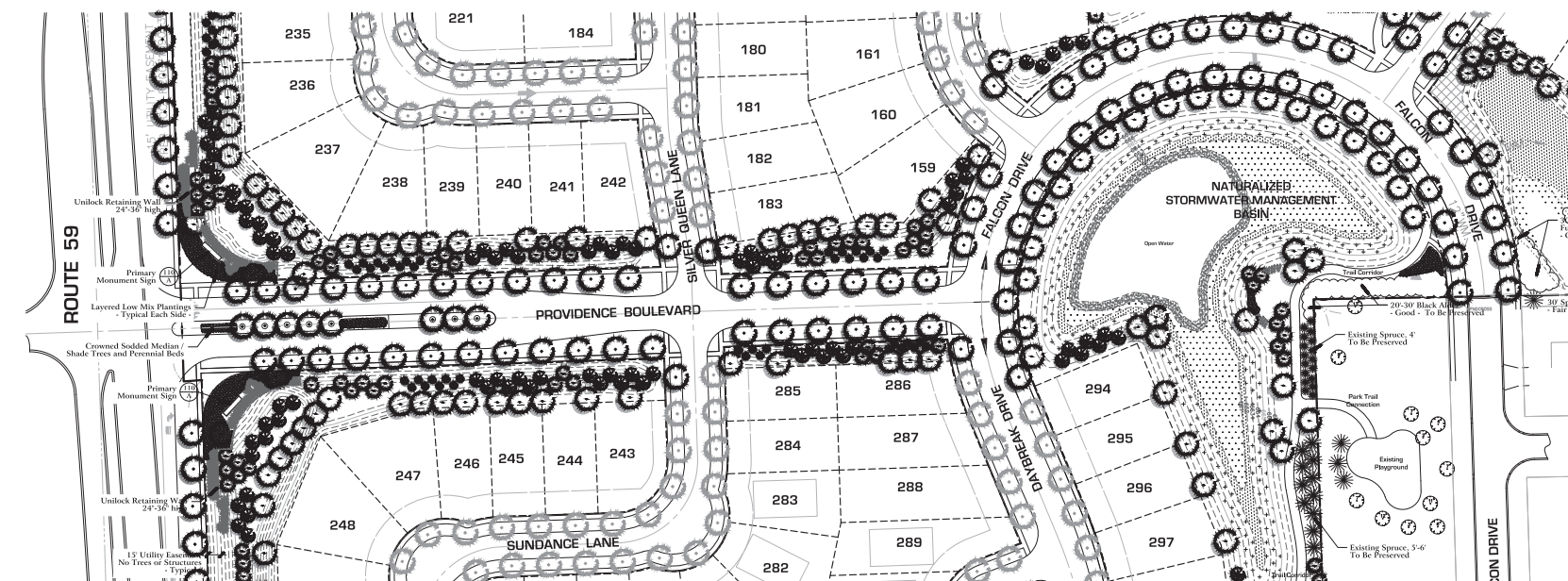
original issue date: 1 AUGUST 2018

drawn by:

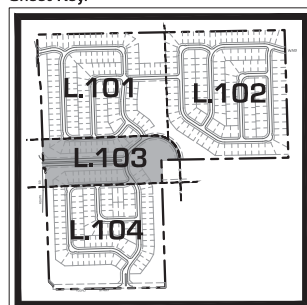
checked by:

project no.: 28005

sheet no.: L.103











Sheet Key:



Notes:

- See Sheet L.104 for Plant Material Legend
- See Sheet L.106 for Parkway Trees
- See Sheet L.105 for Turf Establishment
- See Sheet L.108 for Seed & Plug Mixes
- See Sheet L.109 for General Landscape Spec

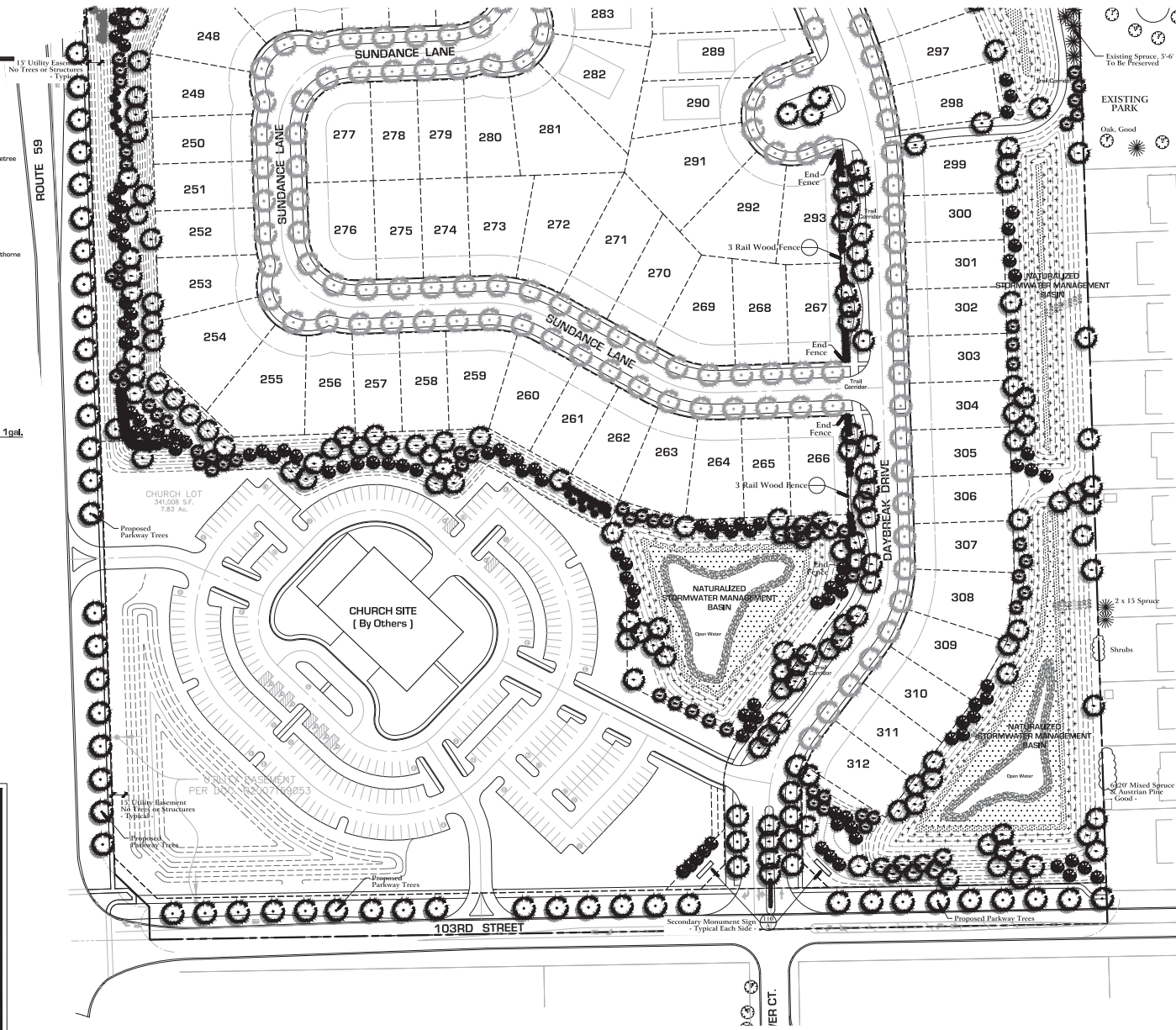
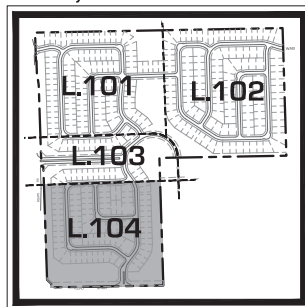
Plant Material Legend :

	Parkway Trees, 2.5" Caliper See Sheet L.102
	Shade Trees, 2.5" - 4" Caliper Autumn Blaze Maple State Street Maple Shawnee Brown Baldypress Redmond Linden Acadado Elm Skyline Locust
	Shade Trees, 8" - 12" m/s River Birch
	Ornamental Trees, 6' - 10' m/s Blackhaw Viburnum Apple Serviceberry Hedford Bergent Crab
	Evergreen Trees, 6' - 10' tall Norway Spruce Colorado Spruce White Pine Black Hills Spruce
	Evergreen Shrubs, 18" - 24" wide Sea Green Juniper Katay Compact Juniper
	Deciduous Shrubs, 18" - 36" tall Northern Bayberry Black Chokeberry Dogwoods Paricle Hydrangea Texas Starlet Gaium Annabelle Hydrangea
	Perennials, Orn Grasses & Groundcovers, 1gal. Feather Reed Grass Prairie Dropseed Switchgrass Lillyturf Aut. Mice Grass Sedum sp.

Notes :

- See Sheet L.102 for Plant Material Legend
- See Sheet L.106 for Parkway Trees
- See Sheet L.105 for Turf Establishment
- See Sheet L.108 for Seed & Plug Mixes
- See Sheet L.109 for General Landscape Spec

Sheet Key:



Land Planning
Landscape Architecture
Environmental Site Design

project:

**WAGNER
FARMS**

103rd & Route 59
Naperville, Illinois

sheet description:

**Preliminary
Landscape Plan**

owner:



north:



scale: 1" = 60'0"

revisions:  10.26.2019 Per City Review Comments
original issue date: 1 AUGUST 2018

drawn by:
checked by:
project no.: 28005
sheet no.: L.104



Land Planning
Landscape Architecture
Environmental Site Design

84 WASHINGTON ST. - NAPERVILLE, IL 60563 - 630.335.3880 Fax 630.335.3886

project:

**WAGNER
FARMS**

103rd & Route 59
Naperville, Illinois

sheet description:

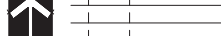
**Preliminary
Turf Exhibit**

owner:



scale: 1" = 120'0"

north:

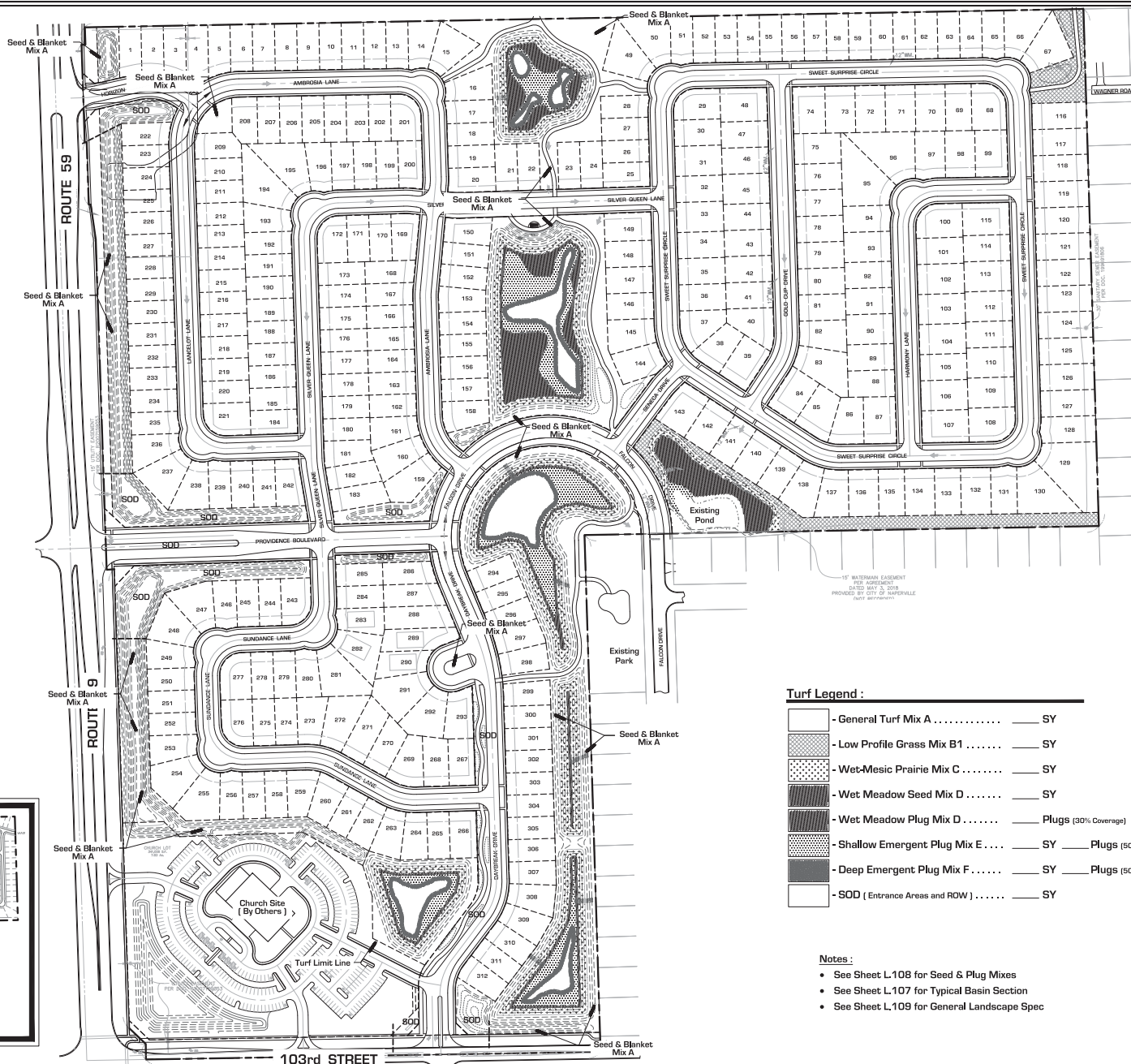
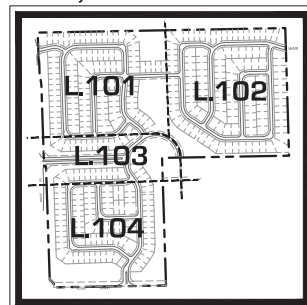


revisions: 110.05.01/19 Per City Review Comments
original issue date: 1 AUGUST 2018

drawn by:
checked by:
project no.: 28005
sheet no.:

L.105

Sheet Key:



Turf Legend :

	- General Turf Mix A	SY
	- Low Profile Grass Mix B1	SY
	- Wet-Mesic Prairie Mix C	SY
	- Wet Meadow Seed Mix D	SY
	- Wet Meadow Plug Mix D	Plugs (30% Coverage)
	- Shallow Emergent Plug Mix E	SY Plugs (50% Coverage)
	- Deep Emergent Plug Mix F	SY Plugs (50% Coverage)
	- SOD (Entrance Areas and ROW)	SY

Notes :

- See Sheet L.108 for Seed & Plug Mixes
- See Sheet L.107 for Typical Basin Section
- See Sheet L.109 for General Landscape Spec

PARKWAY TREE LEGEND: (Sheet L.106 Only)

- ▲ Proposed Parkway Trees, 2.5" Caliper, Common Areas
Planted at approx. 40' o.c.

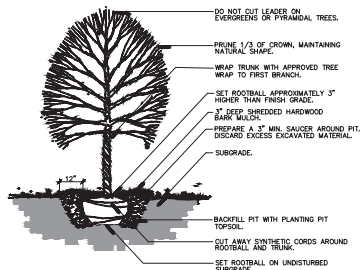
Species:
Chicagoland Hackberry
Magnolia
Skyline Locust
Eastern White Oak
Triumph Elm
Autumn Blaze Maple
Redmond Linden
Swamp White Oak
Kentucky Coffeetree
Aucubus
Emerald Lustre Maple

- ▲ Proposed Individual Lot Parkway Trees at approx. 40' o.c.
To be Planted by Pulte at the time of individual house construction

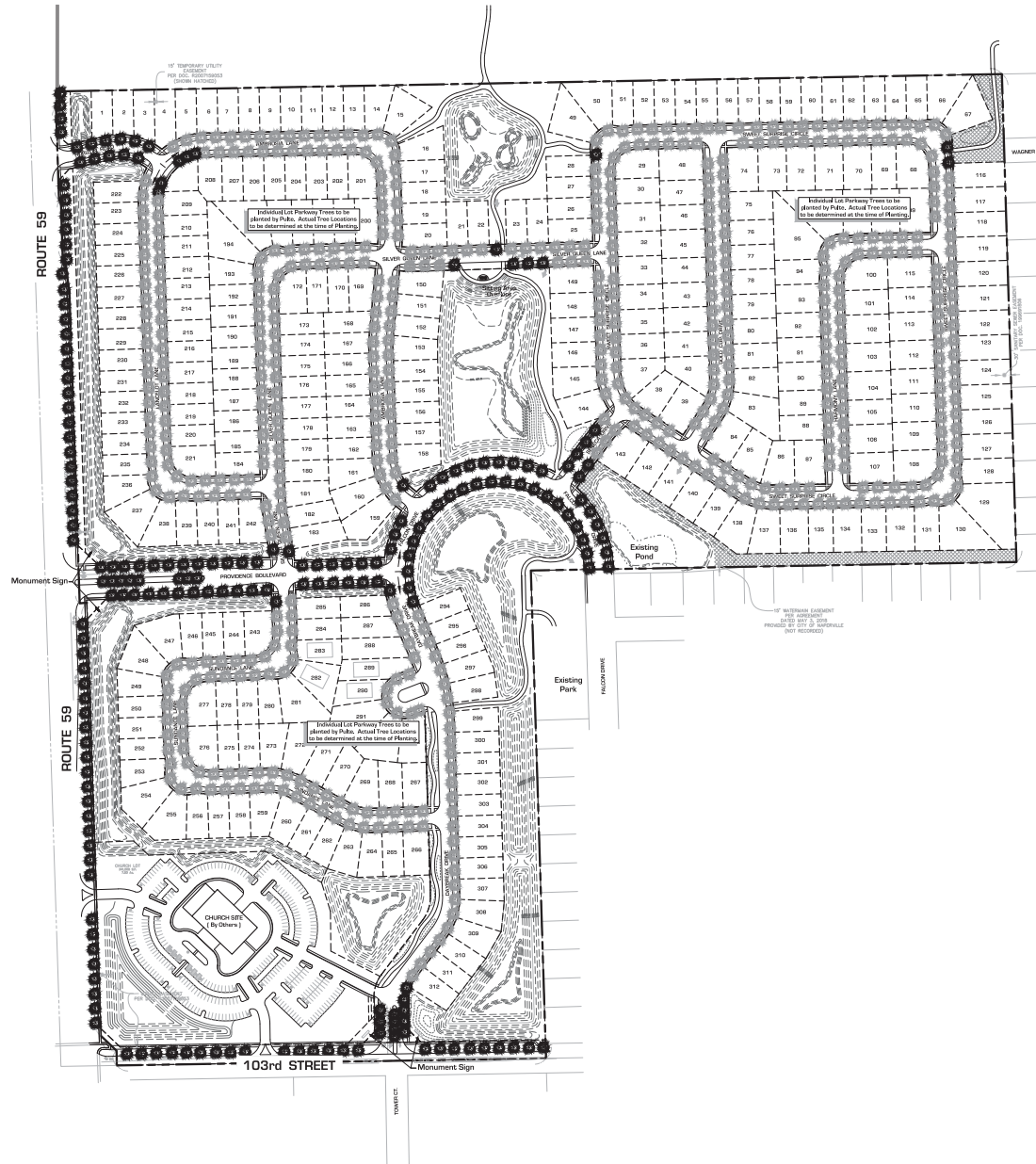
Species:
Chicagoland Hackberry
Magnolia
Skyline Locust
Eastern White Oak
Triumph Elm
Autumn Blaze Maple
Redmond Linden
Swamp White Oak
Kentucky Coffeetree
Aucubus
Emerald Lustre Maple
Red Oak

PARKWAY CONSTRUCTION NOTES:

- No more than 10% of the same species may be used in total.
- No more than 3 trees of the same species may be planted adjacently.
- Understory trees must be used in areas with an overhead utility conflict.
- Plant material sizing, branching and ball sizes shall conform to the "American Standards for Nursery Stock" (latest edition) by the American Association of Nurserymen, Inc.
- Plant material shall be nursery grown and be either balled and burlapped or container grown. Sizes and spreads on plant list represent minimum requirements.
- Quantity lists are supplied as a convenience. Contractor shall verify all quantities, and in case of a discrepancy, the plan shall prevail.
- Trees shall be set back a minimum of ten (10) feet horizontally from utility structures, including, but not limited to, manholes, valve vaults, wire bases, fire hydrants, transformers and switch cans. Trees shall be set back a minimum of five (5) feet horizontally from sanitary sewer, water services and underground electric cable. Approval of the Landscape Architect is required when field adjustments to be implemented do not conform to the intent of the plans.
- Quantity lists are supplied as a convenience. Contractor shall verify all quantities, and in case of a discrepancy, the plan shall prevail.
- Pathway Trees must be offset 5 feet from all storm sewers.
- No trees, shrubs or obstacles will be allowed 10' in front, 5' on the sides, and 7' to the rear of the electrical transformer.
- Contractor shall report any discrepancies in the field to the Landscape Architect and/or Owner.
- The Landscape Contractor shall verify locations of all underground utilities prior to digging, is required to Contact J.U.L.I.E. (1.800.892.0123), and any other public or private agency necessary for utility location 48 hours prior to construction.
- Where underground utilities exist, all field adjustments must be approved by the landscape architect.
- The Landscape Contractor shall water plant material, seed and soil areas until the plants have become adequately established and until final acceptance by the owner. Owner to provide all supplemental watering and proper care and maintenance of all plant materials, seed and soil areas after acceptance of Landscape Contractor's work.
- No plants are to be changed or substituted without the approval of the Landscape Architect and the City of Naperville.
- Landscape Contractor shall maintain all material and labor for a period of one year from the date of final acceptance and shall repair any defects and replace all dead plant material as required during the warranty period.



Typical Tree Planting Detail



Land Planning
Landscape Architecture
Environmental Site Design

840 WASHINGTON ST., NAPERVILLE, IL 60563 • 630.303.3880 Fax 630.303.3884

project:

**WAGNER
FARMS**

103rd & Route 59
Naperville, Illinois

sheet description:

**Preliminary
Parkway Tree
Exhibit**

owner:

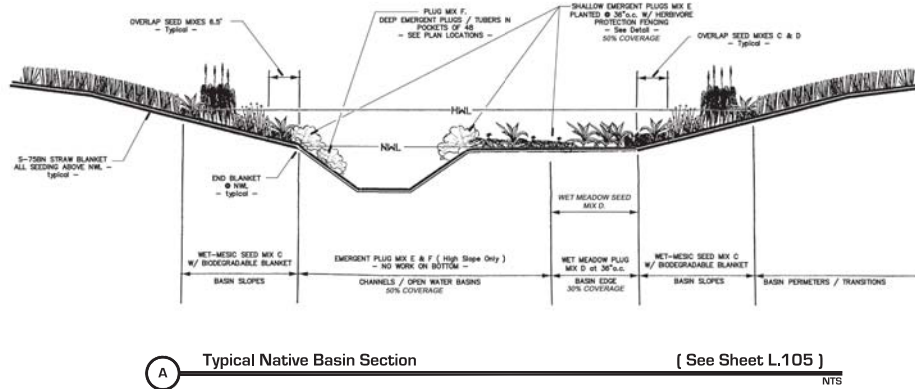


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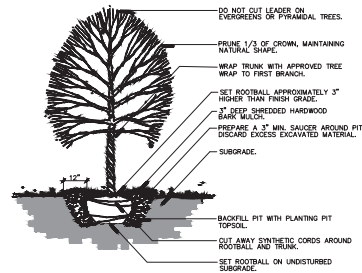
revisions:	10.26.0919	Per City Review Comments
original issue date:	1 AUGUST 2018	Issued 10.26.0919 and Revised 10.26.0919
drawn by:		
checked by:		
project no.:	28005	
sheet no.:	L.106	

Preliminary Plant Material Legend : (Sheet L.101 - L.104)

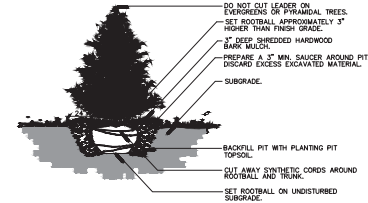
	Parkway Trees, 2.5" Caliper See Sheet L.105
	Shade Trees, 2.5" - 4" Caliper Autumn Blaze Maple Stata Street Maple Shamrock Brave Baldcypress Redmond Linden Acolade Elm Stylite Locust
	Shade Trees, 8" - 12" m/s River Birch
	Ornamental Trees, 6' - 10' m/s Blackhaw Viburnum Apple Serviceberry Redbud Sargent Crab
	Evergreen Trees, 6' - 10' tall Norway Spruce Colorado Spruce White Pine Black Hills Spruce
	Evergreen Shrubs, 18" - 24" wide See Green Juniper Kallay Compact Juniper
	Deciduous Shrubs, 18" - 36" tall Northern Bayberry Black Chokeberry Dogwood Panicla Hydrangea Texas Starlet Guinca Annabelle Hydrangea
	Perennials, Orn'l Grasses & Groundcovers, 1gal. Feather Reed Grass Daylily sp. Prairie Dropseed Switchgrass Lilyturf Aut. Moor Grass Sedum sp.



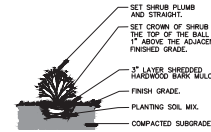
A Typical Native Basin Section (See Sheet L.105) NTS



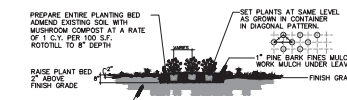
B Typical Tree Planting Detail NTS



C Typical Evergreen Planting Detail NTS



D Typical Shrub Planting Detail NTS



E Typical Perennial Planting Detail NTS

Construction Notes :

- Soil all turf areas as noted with an approved blend of improved Kentucky Bluegrass Sod with a mineral soil base.
- Drill seed all remaining turf areas as noted and cover with an 8-15 Straw Erosion Control Blanket and staple in place. (See Sheet L.105 for Seed Mixes)
- Fine grading shall provide slopes which are smooth and continuous. Positive drainage shall be provided in all areas.
- Prior to turf installation areas shall be fertilized with a 12-12-12 granular fertilizer at a rate of 400 lbs. per Acre.
- Prepare perennial, ornamental grass, groundcover and annual flower beds with 1 CY, mushroom compost per 100 SF, rootballed to an 8" depth.
- Mulch all trees, shrub, perennial & orn'l grass beds with a minimum of three inches shredded hardwood bark mulch.
- Match all groundcover and annual beds with minimum of one inch pinebark fines.
- All bed lines and tree saucers require a 4" deep spaded edge between lawn and mulch areas.
- All evergreen (conifers) trees and shrubs must be grown in a natural shape - and not sheared.
- Plant material sizing, branching and ball sizes shall conform to the "American Standards for Nursery Stock" (latest edition) by the American Association of Nurserymen, Inc.
- Plant material shall be nursery grown and be either balled and burlapped or container grown. Sizes and spreads on plant list represent minimum requirements.
- Quantity lists are supplied as a convenience. Contractor shall verify all quantities, and in case of a discrepancy, the plan shall prevail.
- The Landscape Contractor shall adjust plant locations in field to maintain appropriate spacing from fire hydrants, light poles, utility structures, driveways and sidewalks. Approval of the Landscape Architect is required when field adjustments to be implemented do not conform to the intent of the plans.
- Contractor shall report any discrepancies in the field to the Landscape Architect and/or Owner.
- The Landscape Contractor shall verify locations of all underground utilities prior to digging, is required to Contact JLLLE, (1.800.892.0123), and any other public or private agency necessary for utility location 48 hours prior to construction.
- Where underground utilities exist, all field adjustments must be approved by the Landscape Architect.
- The Landscape Contractor shall water plant material, seed and soil areas until the plants have become adequately established and until final acceptance by the owner. Owner to provide all supplemental watering and proper care and maintenance of all plant materials, seed and soil areas after acceptance of Landscape Contractors work.
- No plants are to be changed or substituted without the approval of the Landscape Architect and the City of Naperville.
- Landscape Contractor shall warrantee all material and labor for a period of one year from the date of final acceptance and shall repair any damage and replace all dead plant material as required during the warranty period.
- Trees shall be set back a minimum of ten (10) feet horizontally from utility structures, including but not limited to, manholes, valve vaults, valve boxes, fire hydrants, transformers and switch cans. Trees shall be set back a minimum of five (5) feet horizontally from sanitary sewer, water services and underground electric cable. Approval of the Landscape Architect is required when field adjustments to be implemented do not conform to the intent of the plans.
- Parkway Trees must be offset 5 feet from all storm sewer.
- No trees, shrubs or obstacles will be allowed 10' in front, 5' on the sides, and 7' to the rear of the electrical transformer.



Land Planning
Landscape Architecture
Environmental Site Design

604 WASHINGTON ST. - NAPERVILLE, IL 03563 - 630.305.3880 Fax 630.305.3894

project:

**WAGNER
FARMS**

103rd & Route 59
Naperville, Illinois

sheet description:

**Plant Legend
Notes &
Details**

owner:



north: scale:

revisions: A (10.26.2018) Per City Review Comments dated 9.26.2018 and Revised Site Plan

original issue date: 1 AUGUST 2018

drawn by:

checked by:

project no: 28005

sheet no:

L.107

EXHIBIT C

DESCRIPTION OF WORK

As part of this project, stormwater management basins will be planted with native vegetation. The purpose of the plan is to maximize the functions of the naturalized areas by installing and maintaining a native plant community. These native plant communities will provide a distinctive landscape that will provide erosion and sediment control, stormwater filtration, infiltration, and wildlife habitat.

PART 1 - NATURALIZED AREAS PLANTING SPECIFICATIONS

1.01 QUALITY CONTROL PROCEDURES

- A. Native seed and five plant material must be shipped, stored and handled in a manner that will insure protection from moisture, heat, or other conditions that would jeopardize viability or cause germination before installation.
- B. Plant species substitutions shall be approved by the Landscape Architect with input from the Native Landscape Contractor if necessary. Perennial Rye, Winter Rye, Grain Rye and Winter Wheat are not to be used as a cover crop.
- C. Seed supplied to the site shall be tagged with seed species, weights, and documentation of PLS (Pure Live Seed) testing. Seed must meet a minimum 75% PLS per species as verified by independent laboratory test results no more than 1 year old. For Prairie Cord Grass (*Spartina pectinata*) test results shall be no more than 6 months old. Native seed shall be obtained from sources within the same EPA level III Ecoregion as the project site (Central Cor Belt Plains).

1.02 CONTRACTOR EXPERIENCE

- A. The Native Landscape Contractor chosen for the establishment of the natural areas must be experienced in the restoration, installation and management of said areas. They must have a minimum of five years experience in the field. There shall be a foreman on-site at all times that can identify non-native and native plants by genus and species.
- B. The goal of restoring native plant communities is a long-term process. Therefore it is imperative that a qualified contractor perform the initial installation maintenance.
- C. Qualified bidders shall possess specialized equipment for working in and around water, including a small boat, hip waders, and flotation life preservers to be worn while working in water.

1.03 ENVIRONMENTAL REQUIREMENTS

- A. Installation shall be performed in mid to late spring, specifically between April 1 and July 1.
- B. Hydrology shall be established prior to installation. Detention pond must have an established pond level to utilize as a reference for planting.
- C. Surrounding uplands shall be stabilized with the specific grass seed mix. No pre-emergent herbicides shall be applied to surrounding turf during the six months prior to installation and for at least 1 year following installation.
- D. Emergent plants shall be installed prior to seeded communities.

1.04 EARTHWORK COORDINATION

- A. The Native Landscape Contractor must coordinate with the on-site Earthwork Contractor to ensure proper soil handling within the planting areas.
- B. A preconstruction meeting shall be held in order to coordinate equipment movement within the planting areas and to avoid soil compaction and to review underground utility location maps and plans. Equipment having low unit pressure ground contact shall be utilized within the planting areas.
- C. If compaction occurs, the soil must be ripped, disked, or otherwise loosened to a depth of at least 12 inches until compaction readings average below 250 psi, to provide proper conditions for plant root growth.
- D. Areas that have been excavated into subsoil should be amended by the following process: Over excavate to 6 inches below the final elevations shown on plans. Apply and evenly spread enough topsoil to achieve final grades as specified in the grading plans.
- E. Earthwork Contractor shall ensure that all planting areas shall have a minimum of 12 inches of topsoil. Acceptable topsoil shall consist of loose friable loam, free of heavy clay, refuse, stumps and large roots, rocks over 1.5 inch in diameter, brush, weeds and weed seeds, or other material that would be detrimental to the proper development of vegetative growth. Topsoil should contain 3 to 5 percent organic matter.
- F. Earthwork Contractor is to ensure that the planting area is properly protected from sedimentation and erosion by following the erosion and sedimentation control plan prepared by the project engineer.
- G. Upon inspection and acceptance of the planting areas by the Native Landscape Contractor, the planting test shall be prepared for seeding, utilizing any method that leaves the upper 1-3 inches of soil broken down into fine particle seedbed with no clods greater than 3 inches in diameter.

1.05 PLANT MATERIALS

- A. Provide a fresh clean crop of the species and proportions as specified.
- B. Mycorrhizal inoculants shall be pelleted and mixed at 1 lb. per acre with the fine seeds before installation. The inoculants shall contain a diverse mixture of Glomus fungal species (*Glomus* spp.) in pelleted form.
- C. Plugs shall be deep set grown and have top growth sufficient to reach above water level after planting. (minimum 12")
- D. Plugs shall be planted between May 1 and July 1.
- E. Emergent plugs shall be installed prior to Wet Meadow seeding.
- F. Wet Meadow plugs shall be installed after Wet Meadow seeding.

General Turf Mix A:

To be drill-seeded and covered with an S-75 BN straw blanket, in all maintained turf areas as specified on the plans. Seed shall be installed at a rate of 250lbs. per acre.

- 70% Improved Kentucky Bluegrass (minimum three varieties)
- 25% Improved Perennial Ryegrass (minimum two varieties with endophytes)
- 5% Creeping Red Fescue

Low Maintenance Fescue Turf Mix B:

The Low Maintenance Turf Grass is to be installed as a transition area to the native landscape as specified on the plans. To be drill seeded and covered with an S-75 BN straw blanket.

IDOT 1B Low Maintenance Mix:

- 75% Fine Leaf Turf-Type Fescue - 3 varieties: 150#
- (X) Crossfire II TTF "
- (X) BladeRunner TTF "
- (X) Cayenne TTF "
- 10% Perennial Ryegrass 20#
- 10% Creeping Red Fescue 20#
- 5% Red Top 10#

200# / Acre

TTF varieties available from Author Clesen, or other approved sources.

Wet to Mesic Prairie Seed Mix C:

To be planted on the basin slopes as specified on the plans.

Botanical Name	Common Name	Covers/Acre
Perennial Grasses:		
<i>Andropogon gerardii</i>	Big Bluestem	60.00
<i>Chlorogalum canadense</i>	Burnout Grass	18.00
<i>Carex flacca</i>	Bristly Cat-tail Sedge	6.00
<i>Carex limosa</i>	Bottomland Sedge	6.00
<i>Carex sparganietorum</i> s. <i>cephalata</i>	Canada Wild Rye	6.00
<i>Elymus canadensis</i>	Rough-Chained Sedge	63.00
<i>Phleum uliginosum</i>	Switch Grass	18.00
<i>Sorghum pendulum</i>	Red Bunch	18.00
<i>Sorghum nutans</i>	Wheat Grass	18.00
<i>Spartina pectinata</i>	Prairie Cord Grass	21.00
	Sub Total:	223.90
Temporary Cover:		
<i>Avena sativa</i>	Common Oat	540.00
<i>Lolium multiflorum</i>	Annual Rye	100.00
	Sub Total:	726.00
Ferbs:		
<i>Aster novae-angliae</i>	New England Aster	0.25
<i>Rudbeckia hirta</i>	White Wild Yarrow	0.75
<i>Chamaecrista fasciculata</i>	Hatchette Pea	6.00
<i>Coreopsis heterophylla</i>	Tall Coreopsis	3.00
<i>Ammannium divaricatum</i>	Black Top Tick	0.50
<i>Elymus pectinatus</i>	Rattentail Master	2.00
<i>Gerardia andersonii</i>	Queen of the Prairie	0.25
<i>Hemerocallis aurantiaca</i>	Bottle Gentian	0.25
<i>Scilla maritima</i>	Greenweave	0.25
<i>Scilla maritima</i>	White Tooth Bulbweed	0.50
<i>Lychnis viscaria</i>	Round-Headed Bush Clover	1.50
<i>Lychnis viscaria</i>	Marsh Trefoil Star	1.50
<i>Morone fistulosa</i>	Wild Bergamot	0.75
<i>Phlox pilularis</i>	Wild Geranium	1.00
<i>Phlox pilularis</i>	Black-eyed Susan	0.25
<i>Phlox pilularis</i>	Common Mountain Mint	0.25
<i>Phlox pilularis</i>	Common Mountain Mint	0.25
<i>Rudbeckia hirta</i>	Black-Eyed Susan	0.50
<i>Rudbeckia hirta</i>	Cal-Lul Conifera	1.50
<i>Rudbeckia hirta</i>	Lower Black-Eyed Susan	0.50
<i>Spartina pectinata</i>	Reed Bunch	1.00
<i>Spartina pectinata</i>	Common Plant	2.00
<i>Spartina pectinata</i>	Prairie Dock	6.00
<i>Spartina pectinata</i>	Early Goldenrod	0.25
<i>Spartina pectinata</i>	Self-Goldenrod	0.50
<i>Spartina pectinata</i>	Reed Goldenrod	0.25
<i>Spartina pectinata</i>	Common Spurred	1.25
<i>Spartina pectinata</i>	Smooth Tail Ironweed	3.00
<i>Spartina pectinata</i>	Golden Alexander	0.50
	Sub Total:	44.50
	Total:	996.40

Wet Prairie - Wet Meadow Seed Mix D:

To be planted above NWL as specified on the plans.

Botanical Name	Common Name	Lbs/Acre
Cover Crop:		
<i>Echinochloa crusgalli</i>	Barnyard Grass	5,000
<i>Agraria arifolia</i>	Creeping Bent	3,000
<i>Avena sativa</i>	Seed Oats	30,000
<i>Elymus virginicus</i>	Virgin Wild Rye	2,500
	Subtotal:	43,500
Sedges, Rushes, and Reeds:		
<i>Carex flexilis</i>	Red's Sedge	0.125
<i>Carex corniculata</i>	Bristly Sedge	0.063
<i>Carex crinitata</i>	Crested Owl Sedge	0.063
<i>Carex alpestris</i>	Common Fox Sedge	0.188
<i>Carex scoparia</i>	Large-Fruited Owl Sedge	0.063
<i>Carex subnodulosa</i>	Fox Sedge	0.063
<i>Echinochloa crusgalli</i>	Red-Headed Spider Rush	0.125
<i>Juncus acutiflorus</i>	Quarry's Rush	0.063
<i>Juncus tenuis</i>	Torney's Rush	0.063
<i>Sorghum nutans</i>	Black Grass	0.250
<i>Sorghum nutans</i>	Whodgrass	0.063
<i>Sorghum nutans</i>	Red Bunch	0.125
<i>Sorghum nutans</i>	Great Bunch	0.250
	Subtotal:	1.904
Ferbs:		
<i>Achillea millefolium</i>	Common Water Plantain	0.250
<i>Achillea millefolium</i>	Swamp Milkweed	0.125
<i>Aster novae-angliae</i>	New England Aster	0.125
<i>Butera umbellata</i>	Nodding Bur Mangel	0.063
<i>Carex flacca</i>	Common Reppen's Tick	0.063
<i>Equisetum perfoliatum</i>	Common Horsetail	0.188
<i>Hemerocallis aurantiaca</i>	Spurred	0.125
<i>Juncus tenuis</i>	Torney's Rush	0.125
<i>Phlox pilularis</i>	False Dragonhead	0.094
<i>Phlox pilularis</i>	Common Spurred	0.250
<i>Sagittaria latifolia</i>	Common Arrowhead	0.125
<i>Verbena hastata</i>	Blue Veronica	0.125
<i>Verbena hastata</i>	Common Ironweed	0.064
	Subtotal:	1.752
	Total:	45,156

Shallow Emergent Plug Mix E:

To be planted below NWL, and as specified on the plans. (36"/o.c.)

Botanical Name	Common Name	Ptms/Acre
Emergent Wetland Plug Mix		
<i>Acorus americanus</i>	Common Rush	800
<i>Sagittaria arifolia</i>	Hard-Stemmed Bulrush	400
<i>Sagittaria arifolia</i>	Red Bulrush	400
<i>Sagittaria arifolia</i>	Common three-square	300
<i>Sagittaria arifolia</i>	Softstem Bulrush	400
<i>Sagittaria arifolia</i>	Common Blue Reed	400
	Subtotal:	2,800
Ferbs:		
<i>Acrois calanica</i>	Sweet Flag	400
<i>Phlox pilularis</i>	Blue Flag Iris	400
<i>Phlox pilularis</i>	Sage Pineweed	400
<i>Phlox pilularis</i>	White Water Crowfoot	400
<i>Sagittaria latifolia</i>	Common Arrowhead	400
	Subtotal:	2,800
	Total Plug/Acre:	4,600

Wet Meadow Plug Mix D:

To be planted above NWL and as specified on the plans. (36"/o.c.)

Botanical Name	Common Name	Ptms/Acre
Wet Meadow Plug Mix D:		
<i>Carex</i>	Rice Cutgrass	400
<i>Carex</i>	Prairie Bulrushgrass	400
	Subtotal:	800
Sedges, Rushes, and Reeds:		
<i>Carex corniculata</i>	Bristly Sedge	400
<i>Carex crinitata</i>	Crested Owl Sedge	400
<i>Carex alpestris</i>	Large-Fruited Sedge	400
<i>Carex scoparia</i>	Fox Sedge	400
<i>Juncus tenuis</i>	Torney's Rush	400
<i>Sorghum nutans</i>	Whodgrass	400
<i>Sorghum nutans</i>	Red Bunch	400
<i>Sorghum nutans</i>	Softstem Bulrush	400
	Subtotal:	3200
Ferbs:		
<i>Acrois calanica</i>	Sweet Flag	200
<i>Phlox pilularis</i>	Common Horsetail	200
<i>Phlox pilularis</i>	Blue Flag Iris	200
<i>Phlox pilularis</i>	White Water Crowfoot	200
	Subtotal:	800
	Total:	4800

Deep Emergent Plant Mix F:

To be planted in 2-3ft. water depth (Below Shallow Emergent Plugs) in pods of 48 as shown on the plan.

Botanical Name	Common Name	Qty/Pod
<i>Potamogeton nodosus</i>	Potamogeton	18
<i>Potamogeton nodosus</i>	White Waterlily	30 staged tubers
<i>Potamogeton nodosus</i>	Sage Pineweed	10
<i>Potamogeton nodosus</i>	White Water Crowfoot	10
	Total:	68 / POD

PART 2 - NATURALIZED AREAS MONITORING

2.01 HERBIVORE PROTECTION

- A. A framed goose protection structure/ pods made of wood posts and chicken wire (hardware cloth) shall be installed prior to emergent (plug) plant installation as specified on plan. The structure shall remain in place for a period of at least one year, and then removed by the Contractor once the plants are well established.

2.02 PLANT/PLUG INSTALLATION

- A. All aquatic plants must be installed in the appropriate water depths in the herbivore protection pods.
- B. Evenly distribute each species around the pond, planting groups of 5 to 7 plants of each species.

2.03 SEEDING IMPLEMENTATION

- A. Seeding operations must occur when soil moisture is appropriate for the seeding operation.
- B. Native plant seed shall not receive fertilizer.
- C. Wet seed that is moldy or otherwise damaged in transit or storage shall not be used.
- D. All seeding equipment whether broadcast or drilled should be calibrated to deliver the seed at the rates and proportions specified. Hand broadcast seed shall be spread at twice the specified rate. Equipment should be operated in such a manner as to ensure complete coverage of the entire area to be seeded, and seed must be placed no deeper than 1/4 inch in the soil.
- E. After seeding operation is completed, install erosion control blanket per manufacturer's specifications upon all areas at or above the normal water level.

2.04 EROSION CONTROL BLANKET

- A. Seeded areas will be covered with North American Green S-75BN, or approved equal. 3:1 slopes and/or fall/winter plantings require North American Green S-150BN or approved equal. The area 3 feet below the normal water level line (i.e. half of the blanket width) of the stormwater detention basin will be stabilized with North American Green S-150BN, or approved equal. See manufacturer's specifications for erosion control blanket composition and installation.

2.05 "NO MOVING AND/OR NO DUMPING SIGNAGE"

- A. No Moving/ Dumping signs shall be installed along the perimeter of the basin to define the boundary between the basin and adjacent properties.
- B. Sign shall be 12"x12" Non-reflective Batten 18 Gauge steel and legible at 10' and shall clearly state "Native Turf Area No Mowing or Dumping". Contractor shall submit sample to Owner for approval prior to installation.
- C. Sign shall be installed 4' above the finish grade, secured to a metal post and maintained at intervals and locations approved by the Owner. (i.e. not less than 10' o.c.)

2.06 CLEAN UP PROTECTION

- A. During landscape work, store materials and equipment where directed. Keep pavements, works areas, and adjoining areas clean and in an orderly condition.
- B. Protect landscape work and materials from damage due to landscape operations or operations by other trades and trespassers. Maintain protection during installation and maintenance periods. Treat, repair, or replace damaged landscape work as directed by the plan.

2.07 INSPECTIONS AND ACCEPTANCE

- A. The Owner and/or the Owner's Representative reserves the right to inspect all seeds and plants either at place of growth or at site before planting for compliance with requirements for name, variety, size, quantity, quality or mix proportion.
- B. Native Landscape Contractor is to keep records of the certificates of composition or invoices of seed mixtures and integrity of plant materials with respect to species, variety, and source of purchase.
- C. Native Landscape Contractor is to notify Owner or Owner's Representative within five days after completing initial and/or supplemental plantings in each area.

PART 3 - NATURALIZED AREAS MANAGEMENT

Management of the naturalized area is essential to the realization of potential functional and habitat benefits of designed native vegetation. Listed below are the management activities for each season:

- 3.01 FIRST SEASON** - Mow the planted areas (not including the emergent areas) two to four times during the growing season. Mowing shall take place prior to or when non-native and weedy species are flowering so as to prevent seed set. Control of undesirable plant species, when present in small quantities, shall be controlled by hand pulling prior to the development and maturity of the plant. Hand removal shall include the removal of all above-ground and below-ground stems, roots, and flower masses prior to development of seeds. Apply herbicide (as necessary) to non-native and weedy species within the naturalized areas with appropriate herbicide.

- 3.02 SECOND SEASON** - Control of undesirable plant species during the second growing season shall be controlled by hand pulling and selective herbicide application. Mowing shall be conducted two to four times to a height of six (6) to eight (8) inches to prevent annual weeds from producing seed.

- 3.03 THIRD THROUGH FIFTH SEASON** - Management of undesirable plant species during the third growing season shall be controlled by hand pulling and selective herbicide.

At the completion of the second or third full growing season (depending on fuel availability) after planting, fire shall be introduced into the naturalized areas as the primary management tool. State and local permits shall be required prior to controlled burning. Burning shall be conducted by trained professionals experienced in grassland fire control. Prior to controlled burn, surrounding property owners as well as local fire and police departments shall be notified. A burn plan designating preferred wind direction and speed, location of fire breaks, and necessary personnel and equipment shall be prepared to be utilized in planning and burn implementation.

The initial burn shall be dependent on fuel availability which is directly related to the quantity and quality of grasses contained within the plant matrix. Timing of the burn shall be determined based on results of the annual monitoring including species composition of the management area and other analysis of management goals. Generally, burns shall be scheduled from spring to fall on a rotational basis. Burn frequency shall also be dependent on the species composition within the management area. Generally, a new prairie restoration area shall be burned annually for two years after the second or third full growing season after planting and then every 2-3 years thereafter.

Large prairie tracts shall not be burned completely each burn season. Management areas shall be divided into sections, depending on the size of the tract, and burned on a rotational basis. Burning of a section of a prairie may occur each year with the entire prairie burned over a 2-3 year period.

- 3.04 LONG-TERM** - As the natural areas mature, required supplemental management shall be significantly reduced or eliminated. Once accepted by the Owner or Owner's Representative, the Owner will assume routine maintenance activities that should include debris management, structure inspections, vegetation management, water level maintenance, and non-native/weedy species management. A Long Term Management Plan shall be prepared, for the Owner, by the Native Landscape Contractor for ongoing maintenance and management including all the components maintenance tasks, similar to the examples provided in section.



Land Planning
Landscape Architecture
Environmental Site Design

804 WASHINGTON ST., NAPERVILLE, IL 60563 - 630.335.3880 Fax 630.335.3884

project:

WAGNER FARMS

103rd & Route 59
Naperville, Illinois

sheet description:

Native Planting Specifications

owner:



north:	scale:

revisions: 11/26/2018 For City Review Comments dated 9/26/2018 and Revised Site Plan

original issue date: 1 AUGUST 2018

drawn by:
checked by:
project no: 28005
sheet no:

L.108

PROJECT NO. 103RD & ROUTE 59, NAPERVILLE, ILLINOIS

PART 1 - GENERAL SPECIFICATIONS

1.01 SCOPE OF WORK

- A. This work shall consist of preparing planting beds, seed beds, seed or ground surface, and furnishing, transporting and installing plants, mulch, seed, soil, fertilizer and other materials required in the specific operations.
- B. Planting required for the work is indicated on the Landscape Plans and, in general consists of the following:
1. The establishment of trees, shrubs, perennials, annuals, lawn and natural areas as shown on the Landscape Plans.
 2. The provision of pre-planting maintenance as specified herein.
 3. Any remedial operations necessary for conformance with the Landscape Plans as specified in these specifications.

1.02 GENERAL

- A. The Landscaper Contractor shall be responsible for obtaining any permits required for the completion of the work and shall be responsible for the cost of the same.
- B. Field Verification: Upon notice to begin work the Landscaper Contractor shall verify all existing conditions of the site and shall report any conditions that will impede the beginning of the work to the Owner or the Landscaper Architect in writing. The Landscaper Contractor shall examine areas, conditions, grades, soils and water levels under which work is to be performed and notify the Owner or the Landscaper Architect of conditions detrimental to the proper and timely completion of the work.
- C. Existing Utilities: The Landscaper Contractor shall verify location of all underground utilities before construction. Contact U.L.L.E. at 1.800.882.1213, 48 hours prior to digging. Notification of any disturbance of existing utilities shall be given to the Owner or the Landscaper Architect immediately. Should unearthed or incorrect utilities be discovered, notify the Owner or the Landscaper Architect immediately.
- D. Inspection of Project: During the construction period, all phases of work shall be available for inspection by the Owner or the Landscaper Architect. All plant material shall be subject to inspection and approval, and the Owner or the Landscaper Architect reserves the right to reject any plants which fail to meet the standards of the inspection. The Owner or the Landscaper Architect reserves the right to inspect nursery stock either at place of growth or at site for compliance with requirements of variety, size and quality.

1.03 QUALITY ASSURANCE

- A. All planting techniques and methods shall be consistent with the latest edition of "Horticulture Standards of Nurseries" and as an association handbook.
- B. The Landscaper Contractor shall provide protection for structures, utilities, roads, trees and vegetation from damage caused by sediment, undermining, washout and landslides created by landscape operations.
- C. The Landscaper Contractor shall not park on any asphalt, concrete or paved driveway at any time.
- D. Any damage to streets, curbs, driveways, utilities, structures, planting, lawns or site improvements that result from the Landscaper Contractor's course of work shall be repaired by the Landscaper Contractor at expense, to the satisfaction of the Owner or the Landscaper Architect, in a reasonably timely manner with as little inconvenience to the Owner as possible.
- E. Existing Trees, shrubs and plant material to remain shall be protected. Damage to existing plants that result from the Landscaper Contractor's course of work shall be repaired by a qualified nurseryman or replaced with approved material at the expense of the Landscaper Contractor.

1.04 SUBSTITUTIONS

- A. Substitutions from the approved plans will be accepted when satisfactory evidence in writing is submitted to the Landscaper Architect, showing that the plant specified is not available.
- B. Landscaper Contractor shall submit request for approval to substitute available plant material. Only those substitutions of equivalent size having essential characteristics similar to the originally specified material will be accepted.
- C. Any unauthorized substitutions will be removed and replaced by the Landscaper Contractor at the expense of the Landscaper Contractor.

1.05 SUBMITTALS

- A. Submit the following material samples, if requested:
1. Mulch, alkali or flagging.

- B. Submit the following material samples, if requested:
1. Topsoil source and pH value.
 2. Plant roots, stems, or other organic soil amendments.

- C. Submit: Submit soil grower's certification of grass species.

- D. Seed: Submit seed sample's certification of grass species.

- E. Seed: Submit seed sample's certification of grass species.

- F. Seed: Submit seed sample's certification of grass species.

- G. Seed: Submit seed sample's certification of grass species.

- H. Seed: Submit seed sample's certification of grass species.

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- E. Drainage: ASHOTO 3/4" (3/8" to 3/4") clean uniformly grade stone or gravel.

- F. Filter fabric: Filter fabric Type "A" or approved nonwoven polypropylene fabric.

- G. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- H. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

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- CL. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CM. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CN. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CO. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CP. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CQ. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CR. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CS. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CT. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CU. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CV. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CW. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CX. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CY. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- CZ. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DA. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DB. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DC. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DD. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DE. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DF. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DG. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DH. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DI. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DJ. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DK. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DL. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DM. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DN. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DO. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DP. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DQ. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DR. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DS. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DT. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DU. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- DV. Topsoil: Topsoil Type "A" or approved nonwoven polypropylene fabric.

- B. Perennials, Ornamental Grasses, Annual Flowers and Groundcovers: 1. Where perennials, ornamental grasses, annual flowers and groundcovers are specified on the plans, provide planting soil mixture consisting of equal parts mushroom compost and peatbark fines (Same as Mixwell Trench CM30 mix) at 1" C.Y. per 100 S.F. Planting pits shall be excavated and filled with sterile topsoil (stockpile) at least 6" deep prior to adding and incorporating planting bed soil mixture. Reuse all entire plant bed incorporating 1" C.Y. Layer of planting soil mixture per 100 S.F. Incorporate commercial 15-15-15 fertilizer into prepared soil mixture at an approximate rate of 15 lbs. per square yard.
- C. Plants in accordance with dimensions indicated on the plans. Adjust spacing of the nursery to equal 14" planting bed with indicated quantity of plants. Fill entire bed with within 18" of the trucks of trees and shrubs or at plant bed, whichever is closest. Plant to within 12" of edge of bed.
- D. After planting apply specified commercial power-treated herbicide (Treflan, Ronstar or equal) per manufacturer's directions to all planting beds.
- E. Mulch with 2" of specified mulching material using care to keep foliage exposed. Thoroughly water mulched beds areas.

3.04 CARE OF EXISTING TREES

- A. Selectively prune existing trees in construction limits, under Landscape Architect's direction. Remove sucker shoots, dead, rubbing, and damaged branching.
- B. Clean up miscellaneous organic debris within construction limits.

3.05 TREE RELOCATION

- A. Prune, dig, ball and burlap, and move designated trees for relocation to the designated plant storage area for hauling in of materials until final planting areas are prepared.
-

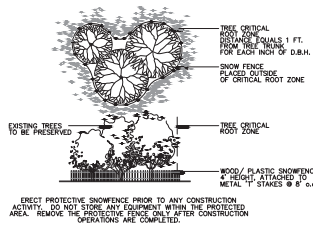
LEGEND :

- Existing Tree & Tag No.
- Existing Tree - to be Preserved
- Existing Tree - To Be Removed
- Tree Preservation Fencing

TREE SURVEY DATE :

Existing tree inventory and rating completed by Signature Design Group on March 5, 2018, Location Survey and Tree Sizing Plan prepared by CEMCON, Ltd.

- See Sheets TS.102 for Existing Tree Inventory Data

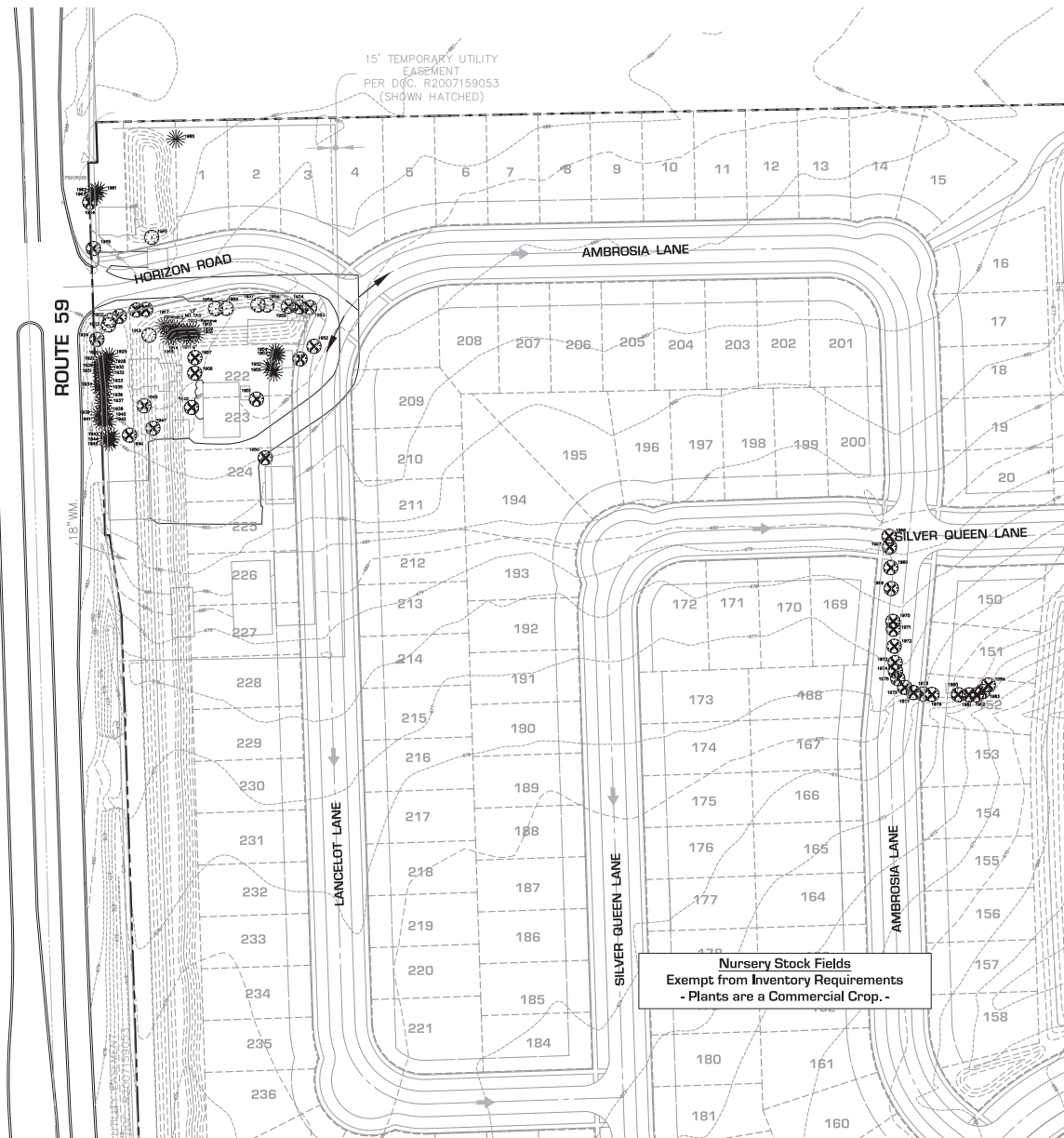


Tree Preservation Fencing Detail

NTS

TREE PRESERVATION NOTES :

1. Tree Removal Permit Required: A tree removal permit shall be required for the removal of any tree in the Site. No person shall, directly or indirectly, remove, damage or destroy a woodland without having secured a TRP.
2. The Owner or his/her designee shall be responsible for construction and maintenance of temporary fencing or other tree protection measures, to be used during construction.
3. Snow fencing shall be temporarily installed at the critical root zone for protection of trees prior to any construction activities and maintained throughout the entire project. The Critical Root zones equals one foot (1") for each one inch (1") of trunk diameter measured 4.5 feet above ground. See detail A.
4. Grading and construction equipment shall be forbidden from encroaching within the drip line of a tree.
5. No construction activity, movement, and/or placement of equipment or materials or spoils storage shall be permitted within the critical root zone of a protected tree or at any higher location where drainage toward the tree could conceivably affect the health of the tree. No excess soil, additional fill, liquids or construction debris shall be placed within the critical root zone of a protected tree.
6. No attachments, fences, or wires, other than those approved for bracing, guying or wrapping, shall be attached to trees during the construction period.
7. Grade change shall be allowed under the drip line of any trees designated for preservation only if tree trunks and branches are protected when construction must occur within tree drip line areas.
8. To improve the survival rate of trees, root pruning and/or thinning shall be performed in accordance with industry standards and practices and where indicated on the plan.



Land Planning
Landscape Architecture
Environmental Site Design

804 WASHINGTON ST. - NAPERVILLE, IL 60563 - 630.305.3880 Fax: 630.305.3884

project:

**WAGNER
FARMS**

103rd & Route 59
Naperville, Illinois

sheet description:

**Existing Tree
Survey**

owner:



north: scale: 1" = 60'0"

revisions:	110.05.01/19	Per City Review Comments
original issue date:	1 AUGUST 2018	Issued 10/20/18 and Revised Site Plan

drawn by:
checked by:
project no.: 28005
sheet no.: TS.101

TREE INVENTORY DATA :

[see sheet TS.101 for Site Survey]

Tag #	Common Name	Botanical Name	DBH	Condition	Remarks	S / R
1901	Silver maple	Acer saccharinum	71	4 good	Ms	R
1902	Cedar	Cedrus	8	4 good		R
1903	Cedar	Cedrus	10	4 good		R
1904	Cedar	Cedrus	12	4 good		R
1905	Cedar	Cedrus	27	4 good	Ms	R
1906	Locust	Gleditsia	33	4 good		R
1907	Locust	Gleditsia	30	3 fair		R
1908	Norway spruce	Picea abies	13	3 fair		S
1909	Norway spruce	Picea abies	16	3 fair		S
1910	Norway spruce	Picea abies	6	3 fair		S
1911	Norway spruce	Picea abies	6	3 fair		S
1912	Norway spruce	Picea abies	10	3 fair		R
1913	Norwayspruce	Picea abies	6	3 fair		S
1914	Norway spruce	Picea abies	14	3 fair		S
1915	Norway spruce	Picea abies	10	3 fair		S
1916	Norway spruce	Picea abies	10	3 fair		S
1917	Norway spruce	Picea abies	13	3 fair		S
1918	Norway maple	Acer platanoides	17	4 good		S
1919	Red maple	Acer rubrum	9	4 good		R
1920	Red maple	Acer rubrum	9	4 good		R
1921	Kentucky coffee	Gymnocladus dioicus	10	4 good		R
1922	Kentucky coffee	Gymnocladus dioicus	13	4 good		S
1923	Kentucky coffee	Gymnocladus dioicus	7	4 good		S
1924	Norway maple	Acer platanoides	26	3 fair		R
1925	Colorado spruce	Picea pungens	9	3 fair		R
1926	Colorado spruce	Picea pungens	8	3 fair		R
1927	Colorado spruce	Picea pungens	6	3 fair		R
1928	Colorado spruce	Picea pungens	10	3 fair		R
1929	Colorado spruce	Picea pungens	8	3 fair		R
1930	Colorado spruce	Picea pungens	8	3 fair		R
1931	Colorado spruce	Picea pungens	7	3 fair		R
1932	Colorado spruce	Picea pungens	10	3 fair		R
1933	Colorado spruce	Picea pungens	10	3 fair		R
1934	Colorado spruce	Picea pungens	9	3 fair		R
1935	Colorado spruce	Picea pungens	9	3 fair		R
1936	Colorado spruce	Picea pungens	11	3 fair		R
1937	Colorado spruce	Picea pungens	12	3 fair	Ms	R
1938	Colorado spruce	Picea pungens	10	3 fair		R
1939	Colorado spruce	Picea pungens	7	3 fair		R
1940	Colorado spruce	Picea pungens	8	3 fair		R
1941	Colorado spruce	Picea pungens	8	3 fair		R
1942	Colorado spruce	Picea pungens	10	3 fair		R
1943	Colorado spruce	Picea pungens	12	3 fair		R
1944	Colorado spruce	Picea pungens	11	3 fair		R
1945	Colorado spruce	Picea pungens	12	3 fair		R
1946	Norway maple	Acer platanoides	22	3 fair		R
1947	Chestnut	Aesculus	20	4 good		R
1948	Magnolia	Magnolia	19	4 good		R
1949	American elm	Ulmus americana	40	4 good		R
1950	Tree lilac	Syringa reticulata	10	4 good		R
1951	Linden	Tilia	13	4 good		R
1952	Norway maple	Acer platanoides	14	3 fair		R
1953	Red maple	Acer rubrum	10	3 fair		R
1954	Red maple	Acer rubrum	12	3 fair		R
1955	Red maple	Acer rubrum	10	3 fair		R
1956	Red maple	Acer rubrum	10	3 fair		S
1957	Red maple	Acer rubrum	9	3 fair		S
1958	Red maple	Acer rubrum	10	3 fair		S
1959	Red maple	Acer rubrum	12	3 fair		S
1960	Norway maple	Acer platanoides	17	4 good		S

1961	Colorado spruce	Picea pungens	12	3 fair		R
1962	Colorado spruce	Picea pungens	8	3 fair		R
1963	Colorado spruce	Picea pungens	16	3 fair		R
1964	Kentucky coffee	Gymnocladus dioicus	20	3 fair	Ms	R
1965	Kentucky coffee	Gymnocladus dioicus	12	4 good		R
1966	Red oak	Quercus rubra	9	4 good		R
1967	Red oak	Quercus rubra	9	4 good		R
1968	Red oak	Quercus rubra	9	4 good		R
1969	Red oak	Quercus rubra	10	4 good		R
1970	Red oak	Quercus rubra	16	4 good		R
1971	Red oak	Quercus rubra	16	4 good		R
1972	Red oak	Quercus rubra	18	4 good		R
1973	Red oak	Quercus rubra	12	4 good		R
1974	Red oak	Quercus rubra	13	4 good		R
1975	Red oak	Quercus rubra	17	4 good		R
1976	Red oak	Quercus rubra	14	4 good		R
1977	Red oak	Quercus rubra	17	4 good		R
1978	Red oak	Quercus rubra	11	4 good		R
1979	Red oak	Quercus rubra	14	4 good		R
1980	Tree lilac	Syringa reticulata	25	3 fair	Ms	R
1981	Tree lilac	Syringa reticulata	19	2 poor	Ms	R
1982	Tree lilac	Syringa reticulata	15	3 fair	Ms	R
1983	Tree lilac	Syringa reticulata	23	3 fair	Ms	R
1984	Tree lilac	Syringa reticulata	16	3 fair	Ms	R
1985	Larch	Tamarix sp.	28	3 fair	Prune Dead	S

Condition Rating Key :

Rating	Description	General Criteria
5	Excellent	The tree is typical of the species, has less than 10% deadwood in the crown that is attributable to normal causes, has no other observed problems, and requires no remedial action
4	Good	The tree is typical of the species and / or has less than 20% deadwood in the crown, only 1 or 2 minor problems that are easily corrected with normal care.
3	Fair	The tree is typical of the species and / or has less than 40% deadwood in the crown, only 1 or 2 minor problems that are not imminently lethal to the tree and no significant decay or structural problems, but the tree must have remedial care above normal care in order to minimize the impact of future stress and to ensure continued health.
2	Poor	The tree is not typical of the species and / or has over 50% deadwood in the crown, major decay or structural problems, is hazardous or is severely involved with insects, disease, or other problems that even if aggressively corrected would not result in the long term survival of the tree.
1	Dead	Less than 30% of the tree shows signs of life

Status Key :

S - Save - To Be Preserved
R - Remove



Land Planning
Landscape Architecture
Environmental Site Design

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project:

**WAGNER
FARMS**

103rd & Route 59
Naperville, Illinois

sheet description:

**Existing Tree
Inventory**

owner:



north:

scale:

revisions:

original issue date: **1 AUGUST 2018**

drawn by: _____

checked by: _____

project no.: **28005**

sheet no.: _____

TS.102