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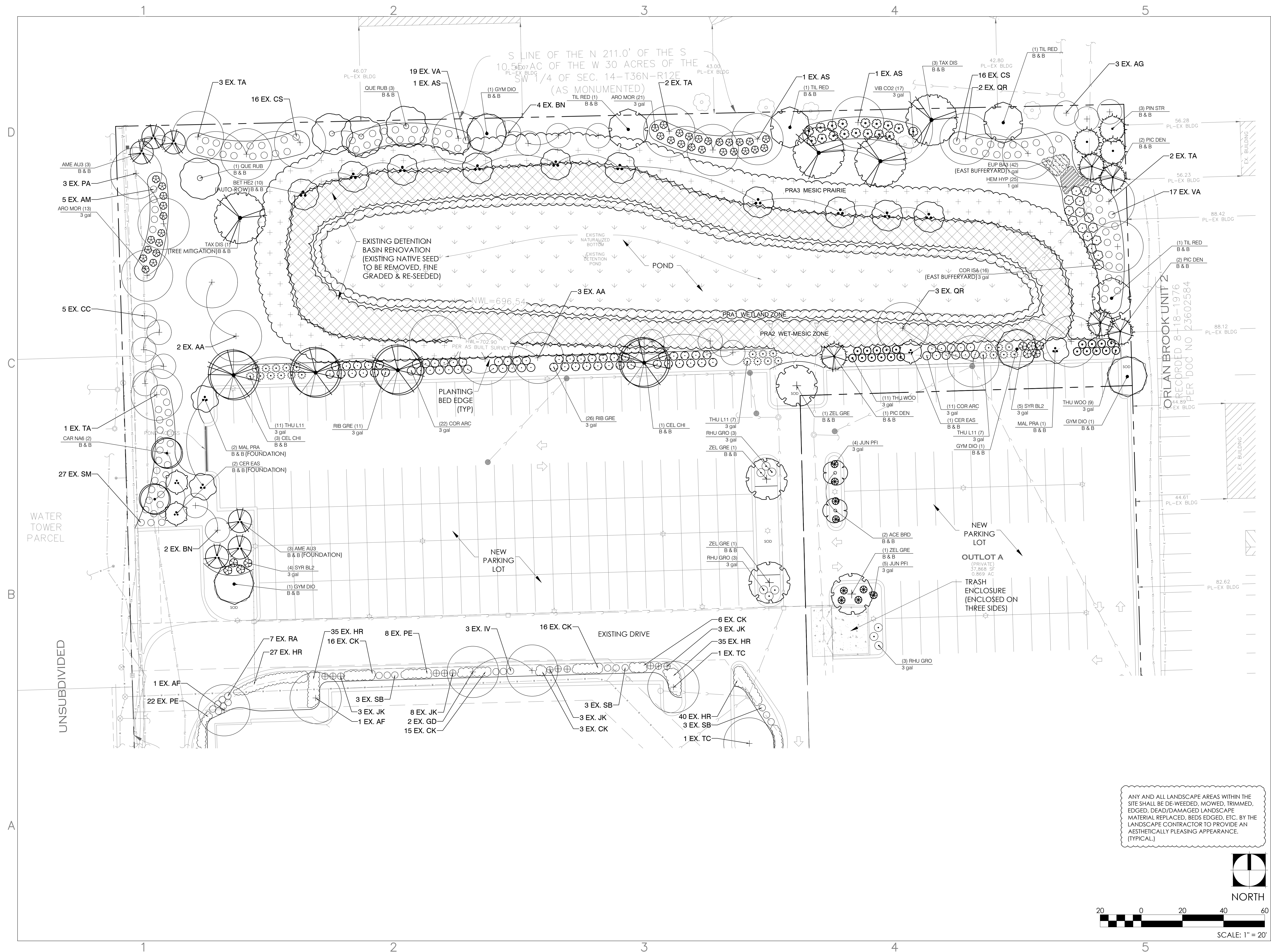
Design Perspectives Inc.  
Grounded in Creativity

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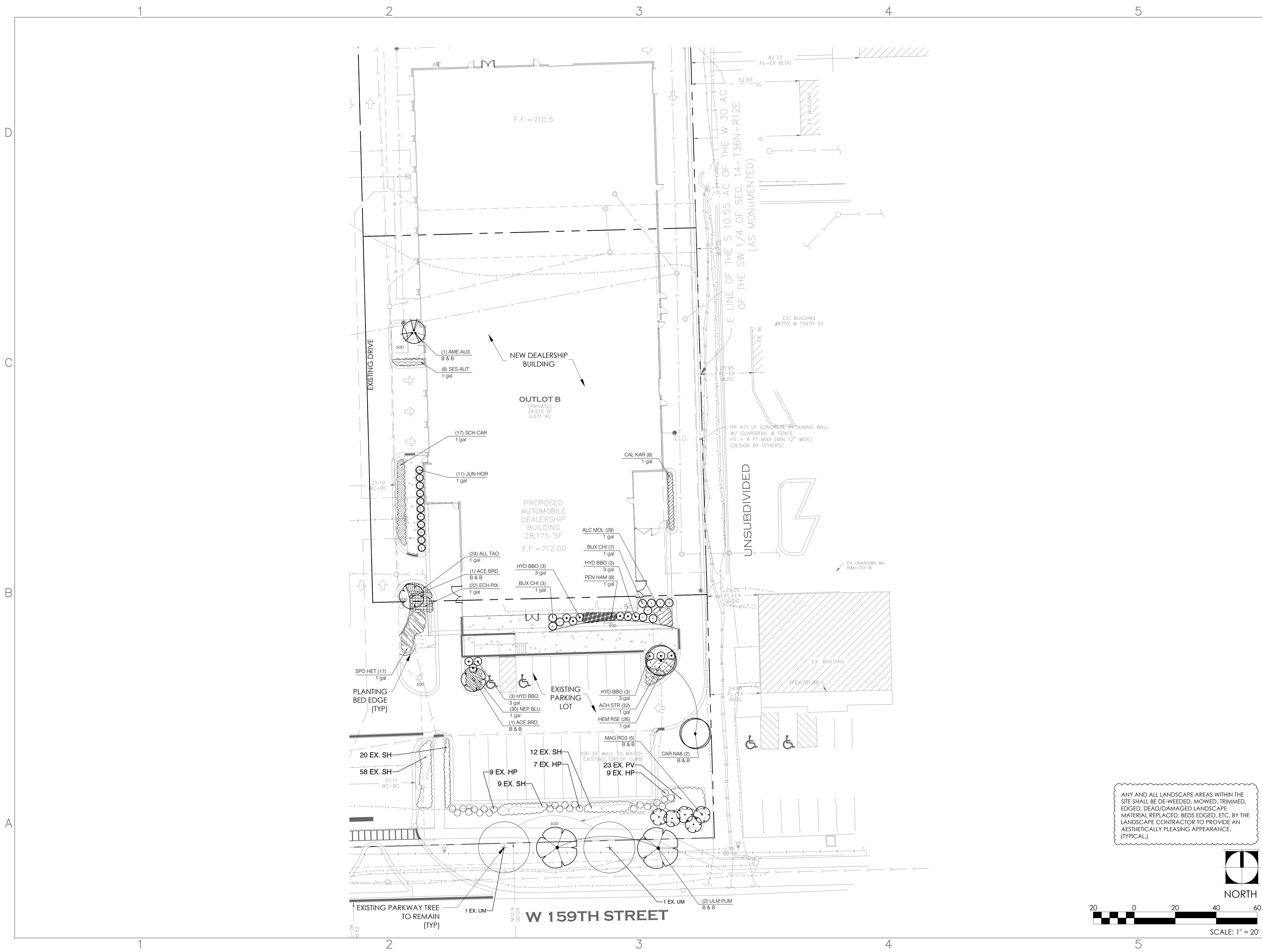
The seal is circular with a double-lined border. The outer ring contains the text "REGISTERED LANDSCAPE ARCHITECT" at the top and "STATE OF ILLINOIS" at the bottom. The center of the seal features the name "Tod J. Stanton" above a stylized signature. Below the signature is the license number "157-001070".

DRAWING TITLE:  
LANDSCAPE PLAN-  
NORTH

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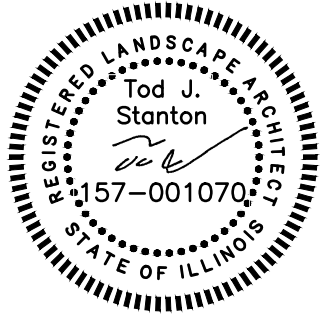
Joe Rizza Acura  
8754 159th Street  
Orland Park, IL 60462



1167 Hobson Mill Drive  
Naperville, Illinois 60540  
Telephone: (630) 606-0776  
www.design-perspectives.net

REV.	COMMENT	DATE
1	VILLAGE RE-SUBMITTAL	4/10/2023
2	VILLAGE SUBMITTAL	5/26/2023

SEAL:



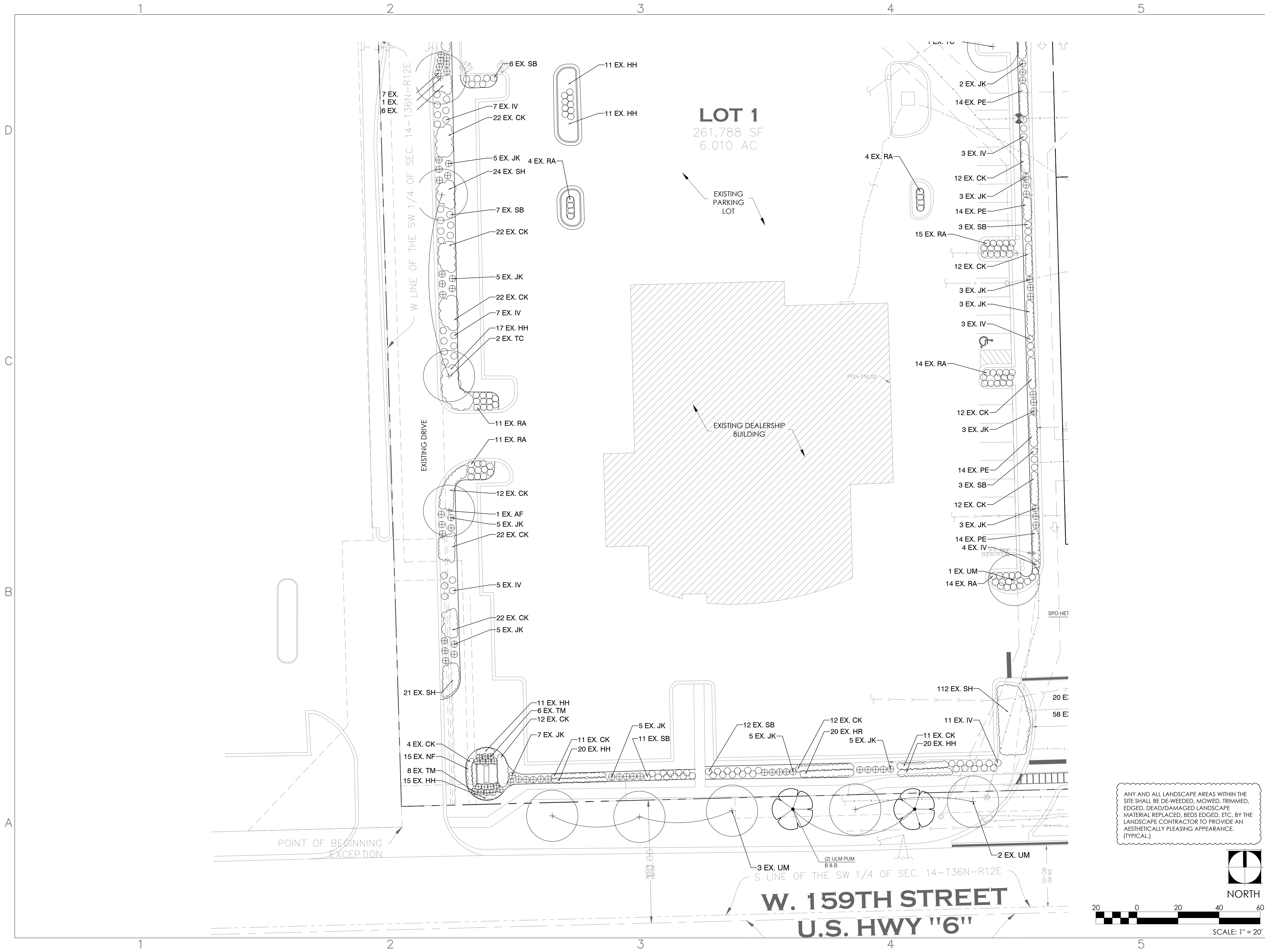
DATE: 1/10/2023  
JOB NO.: 22-8647  
DRAWN BY: TS  
CHECKED BY: TS

DRAWING TITLE:  
LANDSCAPE PLAN-  
SOUTHEAST

SHEET NO.:  
L1.02

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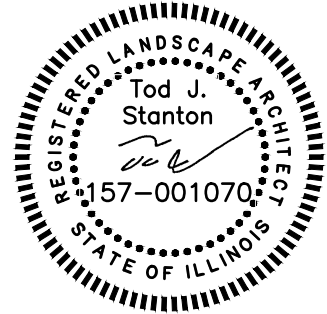
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1	VILLAGE RE-SUBMITTAL	4/10/2023
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SEAL:



DATE: 1/10/2023  
JOB NO.: 22-8647  
DRAWN BY: TS  
CHECKED BY: TS

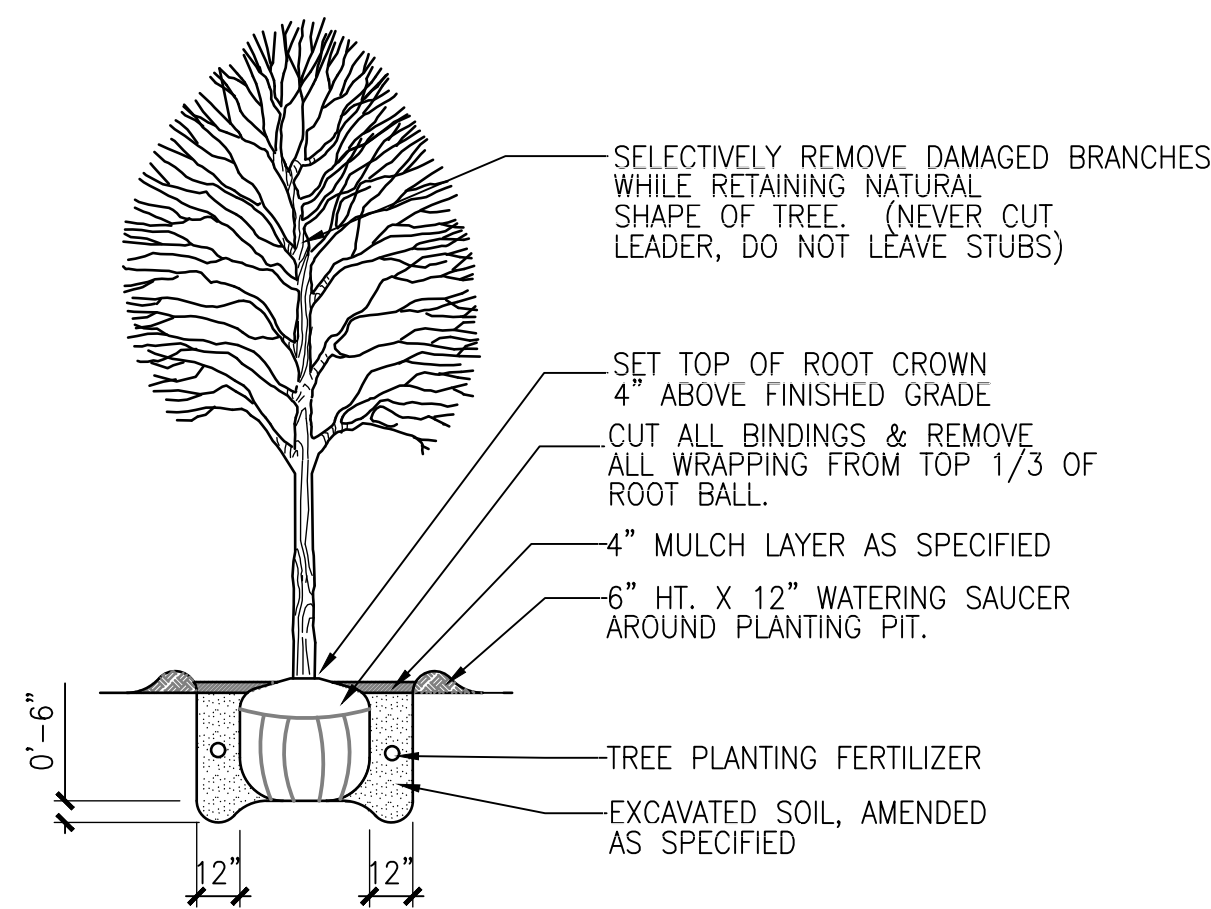
DRAWING TITLE:  
LANDSCAPE PLAN-  
SOUTHWEST

SHEET NO.:  
L1.03

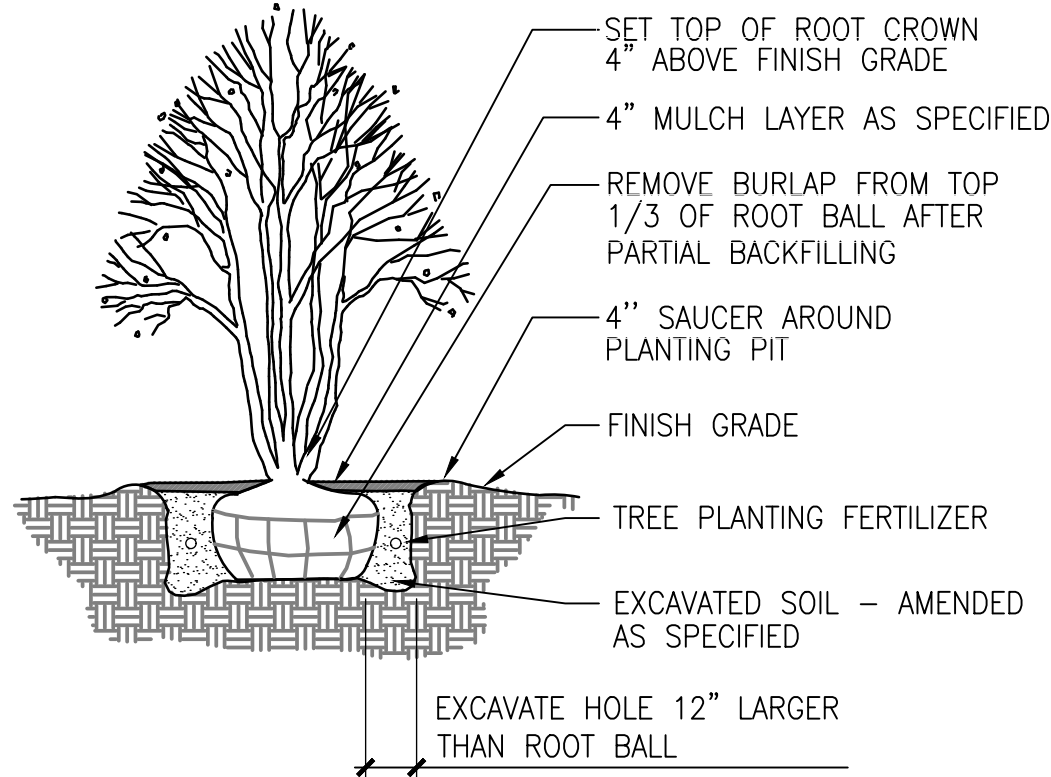
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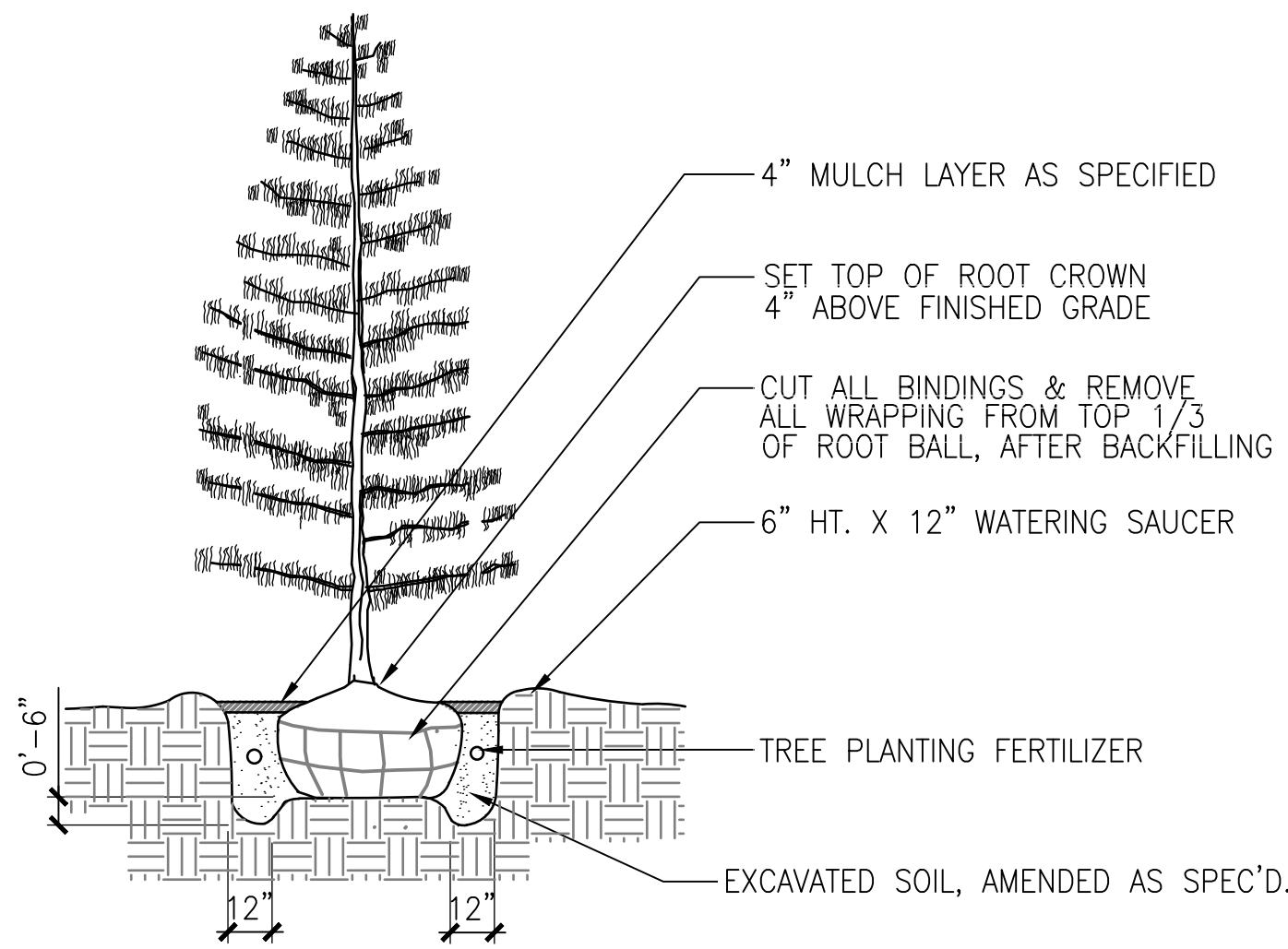
D



SHADE TREE PLANTING  
SCALE: NTS

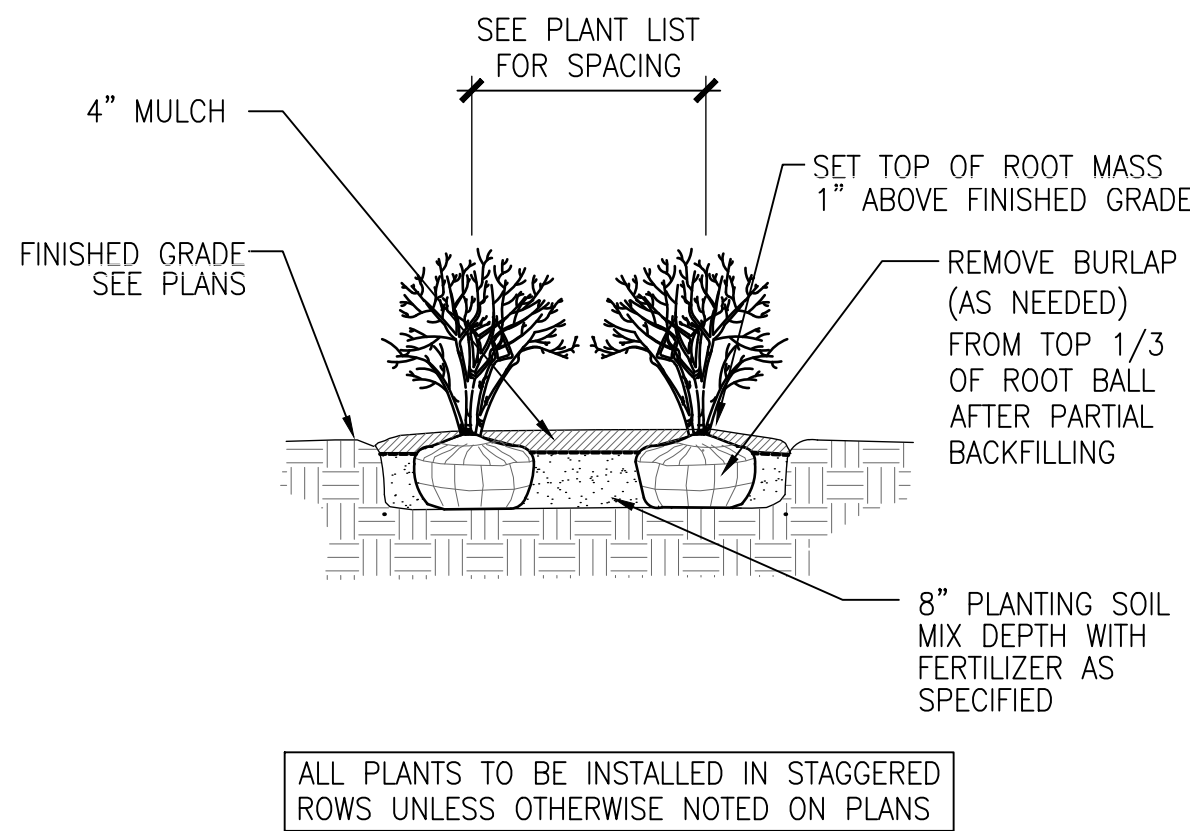


ORNAMENTAL TREE PLANTING  
SCALE: 1/4"=1'-0" DT--ornamentaltree--gyn

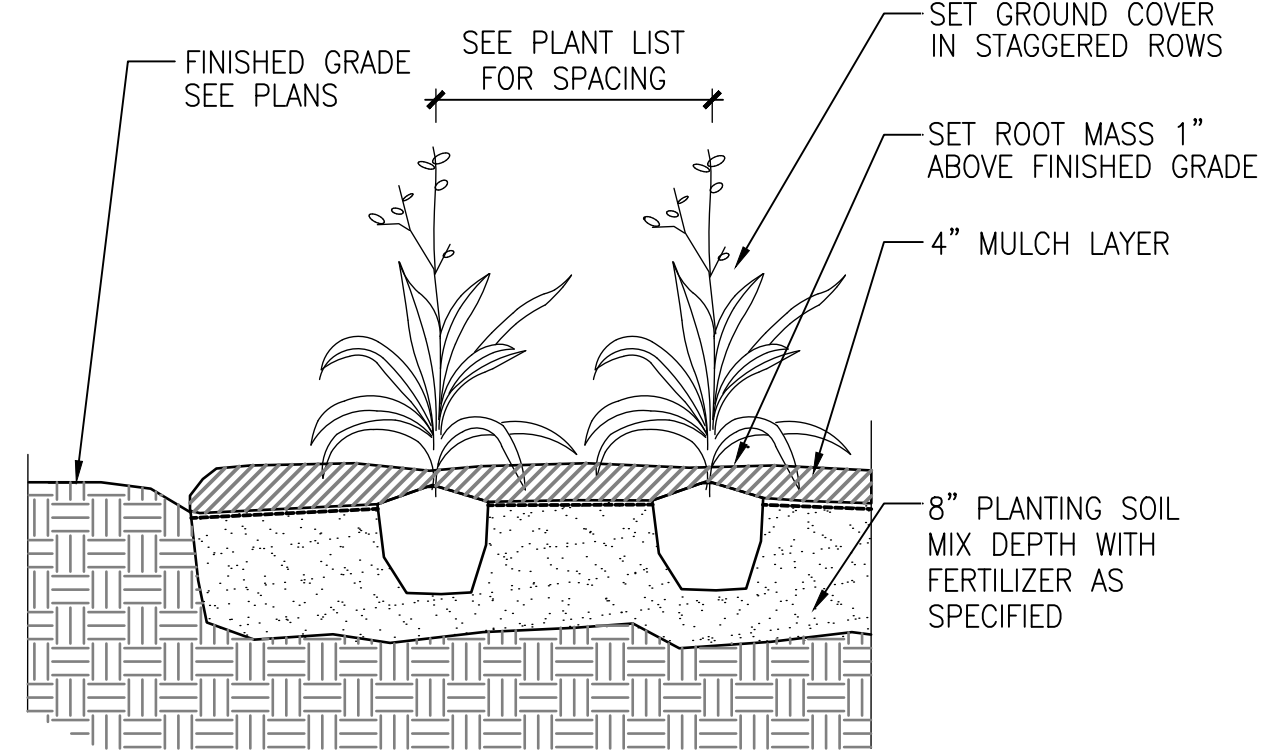


EVERGREEN TREE PLANTING  
SCALE: 1/4"=1'-0" DT--evergreen--gyn

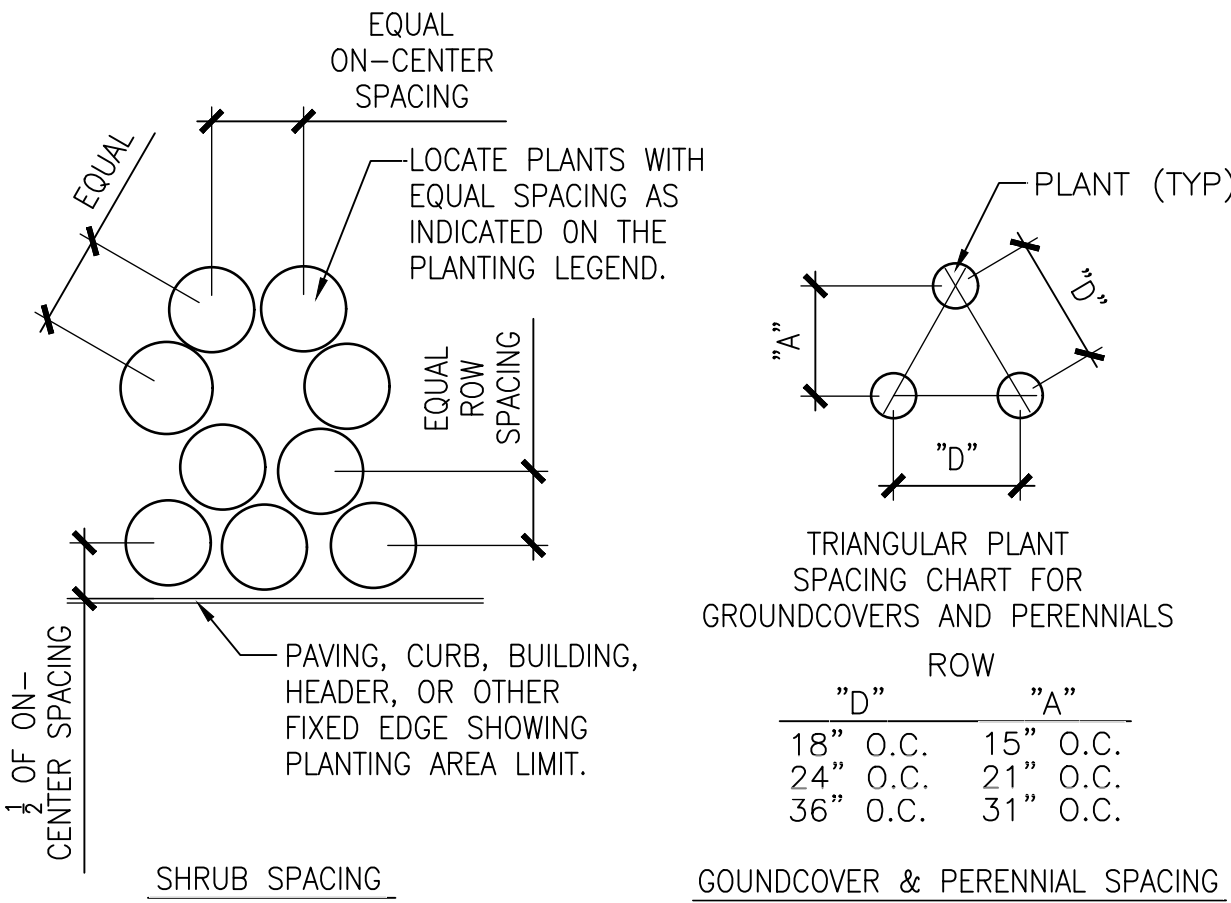
C



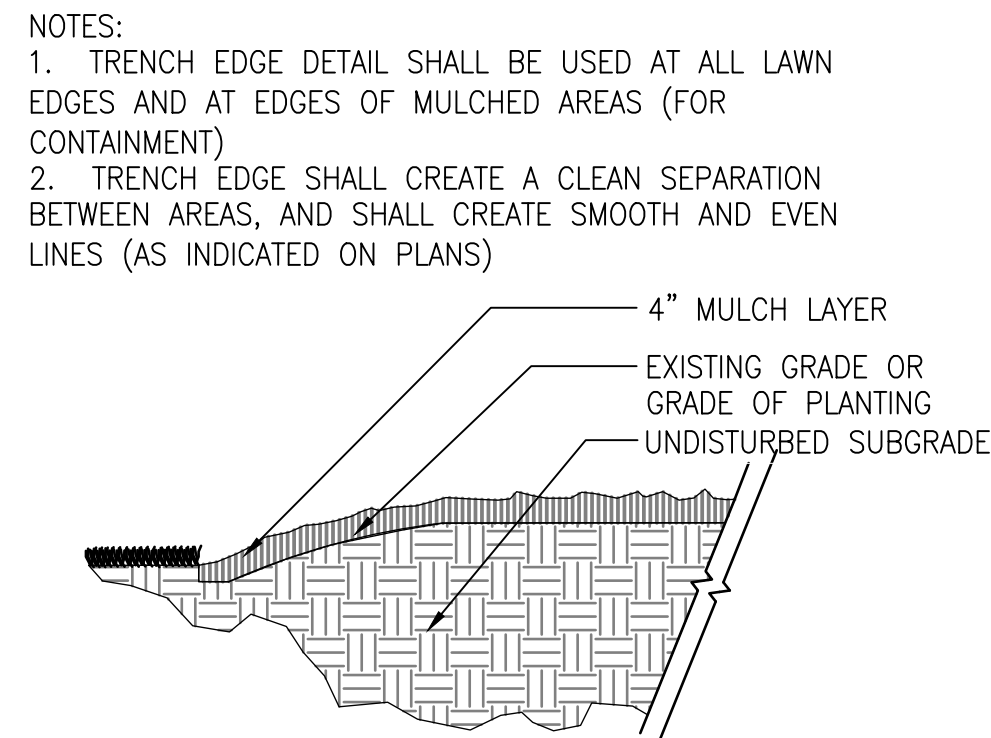
SHRUB PLANTING  
SCALE: 1/2"=1'-0" DT--shrub--gyn



GROUNDCOVER PLANTING  
SCALE: 1"=1'-0" DT--groundcover--gyn



PLANT SPACING DETAIL  
SCALE: 1/2"=1'-0" DT--plantspace--gyn



TRENCH EDGE DETAIL  
SCALE: 1"=1'-0" DT--ls--trench--gyn

B

1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES AND STRUCTURES. SEE CONSTRUCTION NOTES.
2. DO NOT WILLFULLY PROCEED WITH PLANTINGS AS DESIGNED WHEN IT IS OBVIOUS THAT OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING THE DESIGN PROCESS. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER. THE LANDSCAPE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY NECESSARY REVISIONS AND COSTS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
3. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AND/OR SUPPLIERS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
4. THE LANDSCAPE CONTRACTOR IS TO RECEIVE THE SITE AT +/- 1/10TH OF AN INCH. THE LANDSCAPE CONTRACTOR SHALL OBTAIN A LETTER OF GRADE FROM THE GENERAL CONTRACTOR PRIOR TO BEGINNING WORK.
5. REFER TO SPECIFICATIONS FOR PLANTING REQUIREMENTS, MATERIALS, AND EXECUTION.
6. ALL TREES SHALL BE TAGGED BY THE PROJECT MANAGER AT A NURSERY SELECTED BY THE LANDSCAPE CONTRACTOR OR AT THE DISCRETION OF THE PROJECT MANAGER.

PLANTING NOTES  
SCALE: NTS DT--plantnote--gyn

7. FINAL LOCATION OF ALL PLANT MATERIAL SHALL BE SUBJECT TO APPROVAL OF THE PROJECT MANAGER PRIOR TO DIGGING ANY HOLES. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROJECT MANAGER ADEQUATE ADVANCE NOTICE FOR ON-SITE APPROVALS. THE LANDSCAPE CONTRACTOR IS TO THE FOLLOWING BEFORE BEGINNING INSTALLING PLANTINGS:

SHRUBS - LAY OUT THE ACTUAL CONTAINERS ON-SITE BEFORE DIGGING HOLES.

TREES - STAKE THE LOCATIONS BEFORE DIGGING HOLES. ANY TREE PLANTED WITHOUT ITS FINAL LOCATION APPROVED BY THE PROJECT MANAGER MAY BE REQUESTED TO BE RELOCATED AT THE SOLE EXPENSE OF THE LANDSCAPE CONTRACTOR.

8. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AT LEAST 48 HOURS IN ADVANCE PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT OBSERVATION SCHEDULES.

9. IF CONFLICTS ARISE BETWEEN THE ACTUAL SIZE OF AREAS ON THE SITE AND THE DRAWINGS, CONTACT THE PROJECT MANAGER FOR RESOLUTION.

10. IT IS THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO FURNISH PLANTS FREE OF PESTS AND/OR DISEASES. PRE-SELECTED OR "PROJECT MANAGER TAGGED" PLANT MATERIAL MUST BE INSPECTED BY THE LANDSCAPE CONTRACTOR AND CERTIFIED PEST AND DISEASE FREE. IT IS THE LANDSCAPE CONTRACTOR'S OBLIGATION TO WARRANTY ALL PLANT MATERIAL PER THE SPECIFICATIONS.

11. GROUNDCOVERS AND SHRUBS ARE TO BE TRIANGULARLY SPACED UNLESS INDICATED ON THE PLANS.

12. ALL TREES WITHIN A SPECIES SHALL HAVE MATCHING FORM, UNLESS OTHERWISE NOTED.

13. ALL TREES, SHRUB AND GROUNDCOVER AREAS (EXCLUDING TURF AND SLOPE AREAS) ARE TO BE MULCHED PER DETAILS.

14. ALL MULCH TO BE SHREDDED HARDWOOD MULCH MINIMUM 4" THICK.

15. TREES SHALL BE SET BACK A MINIMUM OF TEN FEET (10') 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') HORIZONTALLY FROM SANITARY SEWER AND WATER SERVICES. CONTRACTOR TO MAKE NECESSARY ADJUSTMENTS UNDER THE APPROVAL OF OWNER.

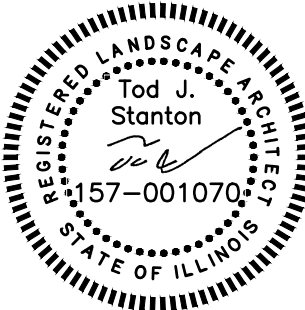
16. PLANTING RESTRICTIONS: PLANT DURING ONE OF THE FOLLOWING PERIODS. COORDINATE PLANTING PERIODS WITH MAINTENANCE PERIODS TO PROVIDE REQUIRED MAINTENANCE FROM DATE OF SUBSTANTIAL COMPLETION.

1. SPRING PLANTING: 5/1 - 6/15
2. FALL PLANTING: 9/15 - 12/1

A

REV.	COMMENT	DATE
1	VILLAGE RE-SUBMITTAL	4/10/2023
2	VILLAGE SUBMITTAL	5/26/2023

SEAL:



DATE: 1/10/2023  
JOB NO.: 22-8647  
DRAWN BY: TS  
CHECKED BY: TS

DRAWING TITLE:  
LANDSCAPE DETAILS

SHEET NO.:  
L1.1



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D

C

B

A

- C. Mow-Strip/Maintenance Edge Installation:
- Excavate for mow strip or maintenance edge as indicated on Drawings.
  - Compact subgrade uniformly beneath mow strip or maintenance edge.
  - For mow strips, apply nonselective, pre-emergent herbicide that inhibits growth of grass and weeds. For maintenance edges, install 6-oz non-woven geotextile fabric as shown on the Drawing Details.
  - Install steel edging, delineating the edge of the mow strip or maintenance edge.
  - Place indicated thickness of mulch or stone.
  - Rake mulch to a uniform surface level with adjacent finish grades.
- D. Outline Edger lines with stakes or paint for acceptance by Landscape Architect before installing irrigation.
- E. Spade cut edger shall be in all locations identified on the Drawings. Minor fine tuning of these lines may be required after the placement of sod.

3.8 MULCHING

- A. Fine grade all planting beds to be mulched allowing for full depth of specified mulch.
- B. Place specified mulch evenly over all areas at depth indicated on plans.
- C. Rake and feather finish grade of mulch level and ½" below adjacent edger surfaces (if edger is specified).
- D. Make sure mulch is at full depth at adjacent walks and paved surfaces and that mulch doesn't protrude above these surfaces.
- E. Mulch a 36" diameter ring around all trees in turf areas with specified depth of wood mulch, after irrigation areas have been watered in.
- F. All trees and shrubs in native areas are to have a mulch ring equal to the diameter of the planting pit. Mulch shall be a uniform four inches in depth. Do not remove saucer (or berm) around plants in native areas when mulching.

3.9 PRUNING

- A. Remove only dead, dying, or broken branches. Do not prune for shape.
- B. Do not cut tree leaders, and remove only injured or dead branches from flowering trees, if any.
- C. Prune shrubs to retain their natural character and shape, and to accomplish their use in the landscape design.
- D. Do not apply pruning paint to wounds.
- E. Required shrub sizes are the size after pruning.
- F. Remove and replace excessively pruned or deformed stock resulting from improper pruning.

3.10 GUYING AND STAKING

- A. Standard guying system
- Pound stakes into undisturbed soil beyond the planting pit so that stake is secure (2' deep minimum). Secure wire through metal grommets on nylon strap and wrap above first branch or at mid-point of tree. Secure guy wire to stake so that it is taut but allows some movement and so that no sharp projection of wire are extending from post. Adjust tension on wire if needed. Flag guy wire with 3/4" PVC pipe for visibility.
- B. Alternate (conifer) guying system
- Pound stakes into undisturbed soil beyond the planting pit so that stake is secure (2' deep min.), angling away from planting pit and so that top is flush with finish grade. Secure wire through metal grommets on canvas strap and wrap at mid-point of tree. Secure guy wire to stake so that it is taut but not overly tight and so that no sharp projection of wire are extending from post. Adjust tension on wire if needed. Flag guy wire with 3/4" PVC for visibility.

3.11 INSTALLING SLOW-RELEASE WATERING DEVICE

- A. Provide one device for each tree.
- B. Place device on top of the mulch at base of tree stem and fill with water according to manufacturer's written instructions.

3.12 MECHANIZED TREE-SPADE PLANTING (FOR ON-SITE TRANSPLANTS, IF INDICATED ON PLANS)

- A. Trees may be planted with an approved mechanized tree spade at the designated locations. Do not use tree spade to move trees larger than the maximum size allowed for a similar field-grown, balled-and-burlapped root ball diameter according to ANSI Z60.1, or larger than manufacturer's maximum size recommendation for the tree spade being used, whichever is smaller.
- B. Use the same tree spade to excavate the planting hole as will be used to extract and transport the tree.
- C. When extracting the tree, center the trunk within the tree spade and move tree with a solid ball of earth.
- D. Cut exposed roots cleanly during transplanting operations.
- E. Plant trees following procedures in "Tree, Shrub, Ornamental Grass, and Perennial Planting" Article.
- F. Where possible, orient the tree in the same direction as in its original location (north side north).

3.13 PLACING SOIL IN PLANTERS

- A. Place a layer of drainage gravel at least 4 inches thick in bottom of planter. Cover bottom with filter fabric and wrap filter fabric 4 inches up on all sides. Duct tape along the entire top edge of filter fabric to secure the filter fabric against the sides during the soil-filling process.
- B. Fill planter with planting soil. Place soil in lightly compacted layers to an elevation of 1-1/2 inches below top of planter, allowing natural settlement.

3.14 TURF AREA PREPARATION

- A. General: Prepare planting area for soil placement and mix planting soil as indicated on the Drawings.
- B. Placing Planting Soil: Place planting soil as indicated on the Drawings.
- Reduce elevation of planting soil to allow for soil thickness of sod.
- C. Moisten prepared area before planting if soil is dry. Water thoroughly and allow surface to dry before planting. Do not create muddy soil.
- D. Before planting, obtain Landscape Architect's acceptance of finish grading; restore planting areas if eroded or otherwise disturbed after finish grading.

3.15 PREPARATION FOR EROSION-CONTROL MATERIALS

- A. Prepare area as specified in "Turf Area Preparation" Article.
- B. For erosion-control mats, install planting soil in two lifts, with second lift equal to thickness of erosion-control mats. Install erosion-control mat and fasten as recommended by material manufacturer.
- C. Fill cells of erosion-control mat with planting soil and compact before planting.
- D. For erosion-control blanket or mesh, install from top of slope, working downward, and as recommended by material manufacturer for site conditions. Fasten as recommended by material manufacturer.
- E. Moisten prepared area before planting if surface is dry. Water thoroughly and allow surface to dry before planting. Do not create muddy soil.

3.16 SEEDING

- A. Sow seed with spreader or seeding machine. Do not broadcast or drop seed when wind velocity exceeds 5 mph (8 km/h).
- Evenly distribute seed by sowing equal quantities in two directions at right angles to each other.
  - Do not use wet seed or seed that is moldy or otherwise damaged.
  - Do not seed against existing trees. Limit extent of seed to outside edge of planting saucer.
- B. Sow seed at a total rate according to the written recommendations of the seed supplier.
- C. Rake seed lightly into top 1/8 inch (3 mm) of soil, roll lightly, and water with fine spray.
- D. Protect seeded areas with slopes exceeding 1:4 with erosion-control blanket installed and stapled according to manufacturer's written instructions.
- E. Protect seeded areas with erosion-control mats where indicated on Drawings; install and anchor according to manufacturer's written instructions.
- F. Protect seeded areas with slopes not exceeding 1:4 by spreading straw mulch. Spread uniformly at a minimum rate of 2 tons/acre > to form a continuous blanket 1-1/2 inches (38 mm) in loose thickness over seeded areas. Spread by hand, blower, or other suitable equipment.
- Anchor straw mulch by crimping into soil with suitable mechanical equipment.
  - Bond straw mulch by spraying with asphalt emulsion at a rate of 10 to 13 gal./1000 sq. ft. (38 to 49 L/92.9 sq. m) Take precautions to prevent damage or staining of structures or other plantings adjacent to mulched areas. Immediately clean damaged or stained areas.
- G. Protect seeded areas from hot, dry weather or drying winds by applying compost mulch within 24 hours after completing seeding operations. Soak areas, scatter mulch uniformly to a thickness of 3/16 inch (4.8 mm) and roll surface smooth.

3.17 HYDROSEEDING

- A. Hydroseeding: Mix specified seed, fertilizer, and fiber mulch in water, using equipment specifically designed for hydroseed application. Continue mixing until uniformly blended into homogeneous slurry suitable for hydraulic application.
- Mix slurry with fiber-mulch manufacturer's recommended tackifier.
  - Spray-apply slurry uniformly to all areas to be seeded in a one-step process. Apply slurry at a rate so that mulch component is deposited at not less than 1500-lb/acre (15.6-kg/92.9 sq. m) dry weight, and seed component is deposited at not less than the specified seed-sowing rate.
  - Spray-apply slurry uniformly to all areas to be seeded in a two-step process. Apply first slurry coat at a rate so that mulch component is deposited at not less than 500-lb/acre (5.2-kg/92.9 sq. m) dry weight, and seed component is deposited at not less than the specified seed-sowing rate. Apply slurry cover coat of fiber mulch (hydromulching) at a rate of 1000 lb/acre (10.4 kg/92.9 sq. m).

3.18 SODDING

- A. Lay sod within 24 hours of harvesting. Do not lay sod if dormant or if ground is frozen or muddy.
- B. Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod; do not stretch or overlap. Stagger sod strips or pads to offset joints in adjacent courses. Avoid damage to soil or sod during installation. Tamp and roll lightly to ensure contact with soil, eliminate air pockets, and form a smooth surface. Work sifted soil or fine sand into minor cracks between pieces of sod; remove excess to avoid smothering sod and adjacent grass.
- Lay sod across slopes exceeding 1:3.
  - Anchor sod on slopes exceeding 1:6 with bio-degradable stakes spaced as recommended by sod manufacturer but not less than two anchors per sod strip to prevent slippage.
- C. Saturate sod with fine water spray within two hours of planting. During first week after planting, water daily or more frequently as necessary to maintain moist soil to a minimum depth of 1-1/2 inches (38 mm) below sod.

3.19 PLUGGING

- A. Plant plugs in holes or furrows, at spacings indicated on the Drawings in triangular pattern. On slopes, contour furrows to near level.

3.20 TURF RENOVATION

- A. Renovate existing turf where indicated.
- B. Renovate turf damaged by Contractor's operations, such as storage of materials or equipment and movement of vehicles.
- Reestablish turf where settlement or washouts occur or where minor regrading is required.
  - Install new planting soil as required.
- C. Remove sod and vegetation from diseased or unsatisfactory turf areas; do not bury in soil.
- D. Remove topsoil containing foreign materials, such as oil drippings, fuel spills, stones, gravel, and other construction materials resulting from Contractor's operations, and replace with new planting soil.
- E. Mow, dethatch, core aerate, and rake existing turf.
- F. Remove weeds before seeding. Where weeds are extensive, apply selective herbicides as required. Do not use pre-emergence herbicides.
- G. Remove waste and foreign materials, including weeds, soil cores, grass, vegetation, and turf, and legally dispose of them off Owner's property.
- H. Till stripped, bare, and compacted areas thoroughly to a soil depth of 6 inches (150 mm).

- I. Apply soil amendments as required based on site-specific soil conditions and initial fertilizer required for establishing new turf and mix thoroughly into top 4 inches (100 mm) of existing soil. Install new planting soil to fill low spots and meet finish grades.
- Initial Fertilizer: Slow-release fertilizer applied according to manufacturer's recommendations.
- J. Apply seed and protect with straw mulch or sod (see Drawings) as required for new turf.
- K. Water newly planted areas and keep moist until new turf is established.

3.21 TURF MAINTENANCE

- A. General: Maintain and establish turf by watering, fertilizing, weeding, mowing, trimming, replanting, and performing other operations as required to establish healthy, viable turf. Roll, regrade, and replant bare or eroded areas and remulch to produce a uniformly smooth turf. Provide materials and installation the same as those used in the original installation.
- Fill in as necessary soil subsidence that may occur because of settling or other processes. Replace materials and turf damaged or lost in areas of subsidence.
  - In areas where mulch or blanket has been disturbed by wind or maintenance operations, add new mulch/blanket and anchor as required to prevent displacement.
  - Apply treatments as required to keep turf and soil free of pests and pathogens or disease. Use integrated pest management practices whenever possible to minimize the use of pesticides and reduce hazards.
- B. Watering:
- Schedule watering to prevent wilting, puddling, erosion, and displacement of seed or mulch. Lay out temporary watering system to avoid walking over muddy or newly planted areas.
  - Water turf with fine spray at a minimum rate of 1 inch (25 mm) per week unless rainfall precipitation is adequate.

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- C. Mow turf as soon as top growth is tall enough to cut. Repeat mowing to maintain specified height without cutting more than one-third of grass height. Remove no more than one-third of grass-leaf growth in initial or subsequent mowings. Do not delay mowing until grass blades bend over and become matted. Do not mow when grass is wet. Schedule initial and subsequent mowings to maintain proper grass height
- D. Turf Post-fertilization: Apply as noted in Materials Article, I. Fertilizer, based on season.

3.22 SATISFACTORY TURF

- A. Turf installations shall meet the following criteria as determined by Landscape Architect:
- Satisfactory Seeded Turf: At end of maintenance period, a healthy, uniform, close stand of grass has been established, free of weeds and surface irregularities, with coverage exceeding 90 percent over any 10 sq. ft. (0.92 sq. m) and bare spots not exceeding 5 by 5 inches (125 by 125 mm)
  - Satisfactory Sodded Turf: At end of maintenance period, a healthy, well-rooted, even-colored, viable turf has been established, free of weeds, open joints, bare areas, and surface irregularities.
- B. Use specified materials to reestablish turf that does not comply with requirements, and continue maintenance until turf is satisfactory.

3.23 NATIVE PRAIRIE, BIOSWALE, DETENTION AREA, AND WETLAND SEEDING

- A. All work deemed native prairie, bioswale, detention area, and/or wetland seeding shall be performed by an ecological restoration contractor with at least 5 years of documented experience in selective brush clearing, planting of native species, and natural areas management for the purpose of ecological restoration, and shall be able to demonstrate their knowledge through references and in the field.
- B. Seedbed shall be well settled and firm, but friable enough that seed can be placed at the seeding depth required.
- The seedbed shall be reasonable free of weeds.
  - Soils that have been over-compacted by traffic or equipment shall be tilled to breakup root restrictive layers and then harrowed, rolled, or packed to prepare the required seedbed.
- C. Sow seed at rate indicated on the Drawings.
- Seed shall be drill seeded in a manner such that the surface is raked and rolled, seed shall have ¼" of cover.
  - Accomplish seeding by "Rangeland" type drills.
  - Any furrows left by drill seeding shall be left in place to discourage erosion and encourage seed and soil contact.
- D. When using a drill type seeder, the seeder should cover the area in two passes, perpendicular to each other. Each pass of the seeder should apply approximately ½ of the required seed.
- E. Standard erosion control blanket shall be applied to all seeded areas.
- F. Final Acceptance of seeded areas will not be granted until Landscape Architect is satisfied with germination and a full stand of vegetation is in vigorous growing condition, with consistency and completion of coverage. During this time, contractor is responsible for watering, mowing, spraying, weeding, fertilizing, and all related work as necessary to ensure that seeded areas are established in a vigorous growing condition.

3.24 NATIVE PRAIRIE, BIOSWALE, DETENTION AREA, AND WETLAND MAINTENANCE

SHORT & LONG TERM MAINTENANCE

NATIVE BASIN SPECIFICATIONS

Project Name: Rizza Porsche (8760 W. 159th Street, Orland Park, IL 60462)  
Owner: Rizza Porsche  
ENCAP, Inc. #: 23-0320A  
Document Preparer: S. Rowley, ENCAP, Inc.  
Date Prepared: April 24, 2023

1.0 PURPOSE

The purpose of this plan is to restore and re-establish a previously constructed and planted naturalized detention basin located on the Rizza Porsche site. The previously constructed basin was created for stormwater management purposes and was intended for water quality treatment through the native plantings. The basin is currently in disrepair and the restored plantings will provide improved water quality functions, soil stabilization, wildlife habitat, and aesthetics for the area.

2.0 CONTRACTOR QUALIFICATIONS

- The Native Landscape Contractor chosen for the establishment and enhancement of the natural areas must be experienced in the restoration, installation, and management of said areas. They must have a minimum of five years of experience conducting ecological restoration and management projects.
- There shall be a supervisor available at all times that can identify non-native and native plants by genus and species. The goal of installing successful native plant communities is a long-term process. Therefore, it is imperative that a qualified Native Landscape Contractor perform the initial installation and maintenance.

3.0 QUALITY AND CONDITION

- All native seed proposed for the project shall be provided as Pure Live Seed (PLS) and sourced from within a 200-mile radius of the project location. Plant origins outside of this range must be approved by the Wetland Consultant.
- Native seeds shall be blended by the vendor, and the mixture and ratio shall be guaranteed in writing to be as specified. The amount of seed indicated on the specifications shall mean the total amount of pure live seed (PLS) per acre for all species listed. It is the sole responsibility of the Native Landscape Contractor to provide approved seed that meets industry-standard PLS requirements.
- Native Landscape Contractor shall provide the Wetland Consultant with the name and location of the seed supplier, origin of the various kinds of plants, and a statement of the purity of the seed.
- Seed shall conform to applicable State and Federal regulations as in effect on the date of letting. Unless otherwise specified, seed shall not contain in excess of 1 percent weed seeds; 0 percent is desirable.
- All storage requirements, stratification, and scarification considerations shall be the sole responsibility of the Native Landscape Contractor.
- If specified for the seed mixture, mycorrhizal inoculants shall be pelletized and mixed at 1 lb. per acre with the fine seeds before installation. The inoculants shall contain a diverse mixture of Glomales fungal species (Glomus spp.) in pelletized form.
- Under no circumstances shall Wheat (Triticum aestivum), Cereal Rye (Secale cereale), Perennial Rye (Lolium perenne), or Barley (Hordeum vulgare) be used as a temporary cover crop.

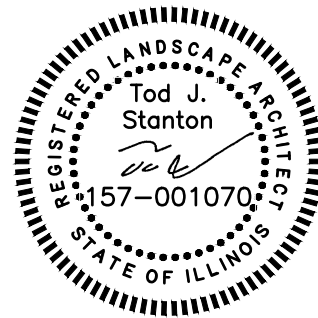
Joe Rizza Acura  
8754 159th Street  
Orland Park, IL 60462



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Naperville, Illinois 60540  
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REV.	COMMENT	DATE
1	VILLAGE RE-SUBMITTAL	4/10/2023
2	VILLAGE SUBMITTAL	5/26/2023

SEAL:



DATE: 1/10/2023  
JOB NO.: 22-8647  
DRAWN BY: TS  
CHECKED BY: TS

DRAWING TITLE:  
LANDSCAPE  
SPECIFICATIONS

SHEET NO.:

L2.3







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6.0 LONG-TERM MANAGEMENT PLAN

Stormwater infrastructure requires long-term management to maintain its function as designed. It is expected that the stormwater detention basin will be maintained in its permitted condition in perpetuity. The long-term manager for the stormwater detention basin will be the Property Owner. An annual letter report documenting the completion of inspection and management tasks based on the information herein should be submitted to the Owner each year.

Management tasks should be preceded by a site inspection to determine if remedial measures are required and to recommend procedures to correct any deficiencies. The site inspection should be conducted by a qualified individual knowledgeable in native plants and management of native plantings. Areas of observation during the site inspection should include but are not limited to: dominant species within distinct planting communities; erosion or herbivory concerns that develop over time; changes in hydrology that may require additional planting to adjust for higher or lower water levels; or the appearance of invasive species in the managed area that require alternative management methods.

The following management tasks should be completed annually, unless otherwise specified below:

- Debris Removal: All debris shall be removed, via non-invasive methods, from within the special management area.
- Herbicide Application: Selective herbicide to control invasive species should be completed 1-2 times annually. A certified and licensed pesticide applicator shall select herbicide, appropriate for the area of use (such as wetlands or other special management area), and shall apply the herbicide by the appropriate method, to prevent killing of desirable native species. Invasive and non-native species, and woody plant species not specified as part of the planting plan, shall be controlled by appropriate management practices of the approved plan.
- Prescribed Burning: If possible, a prescribed burn is suggested every 3-5 years in late fall/early spring. Controlled burns are essential for even germination, establishment of deep root systems, and maintenance of non-native invasive species. These burns should only be performed by a qualified burn contractor.
- Mowing: Selective mowing is a preferred method for control of annual non-native and invasive species to prevent seed proliferation. Mowing with a specialty flail-type mower to mulch thatch or weed whip with thatch removal (or combination) may be substituted for prescribed burns in instances where a burn is not permissible, or weather does not allow for a safe/effective burn.
- Erosion Control & Stabilization: When conducting the annual inspection, it is important to observe and note areas of bare soil and other early warning signs of erosion. If caught early enough, they may be easily stabilized with seed and erosion control blanket.
- Brush Clearing: Management of woody species is not likely necessary if prescribed burns and herbicide applications are successful and continued each year. If invasive shrubs become a problem they should be cut and all remaining stumps should be treated with an appropriate herbicide to prevent resprout, either through a basal oil treatment, hand wick applicator, or other approved method. Brush clearing should be conducted in the winter months with frozen ground conditions.

Table 1: Typical Management Schedule for Stormwater Basin

Management Task	Spring	Summer	Fall	Winter
Annual Site Inspection		X		
Annual Letter Report			X	
Debris Removal (As Necessary)	X	X	X	X
Herbicide Application	X	X	X	
Mowing	X		X	
Prescribed Burning/Off-Season Mowing	X		X	X
Erosion Control & Stabilization	X	X	X	
Brush Clearing			X	X

7.0 PROHIBITED ACTIVITIES

This section outlines various activities restricted or prohibited within areas of naturalized landscaping except as needed to achieve and maintain a naturalized landscape consistent with the approved plan as directed by a natural landscape maintenance specialist:

- dumping of yard waste or debris,
- replacement of approved vegetation with non-approved materials,
- construction or placement of structures,
- application of pesticides, fertilizer, or herbicides,
- mowing other than for meeting specific management goals,
- commercial, industrial, agricultural, residential developments, buildings, or structures, including but not limited to signs, billboards, other advertising material, or other structures,
- removal or destruction of trees or plants, mowing, draining, plowing, mining, removal of topsoil, sand, rock, gravel, minerals or other material, and
- operation of snowmobiles, dune buggies, motorcycles, all-terrain vehicles or any other types of motorized vehicles.

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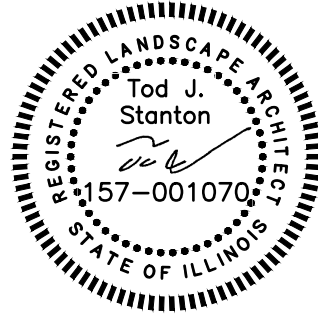
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