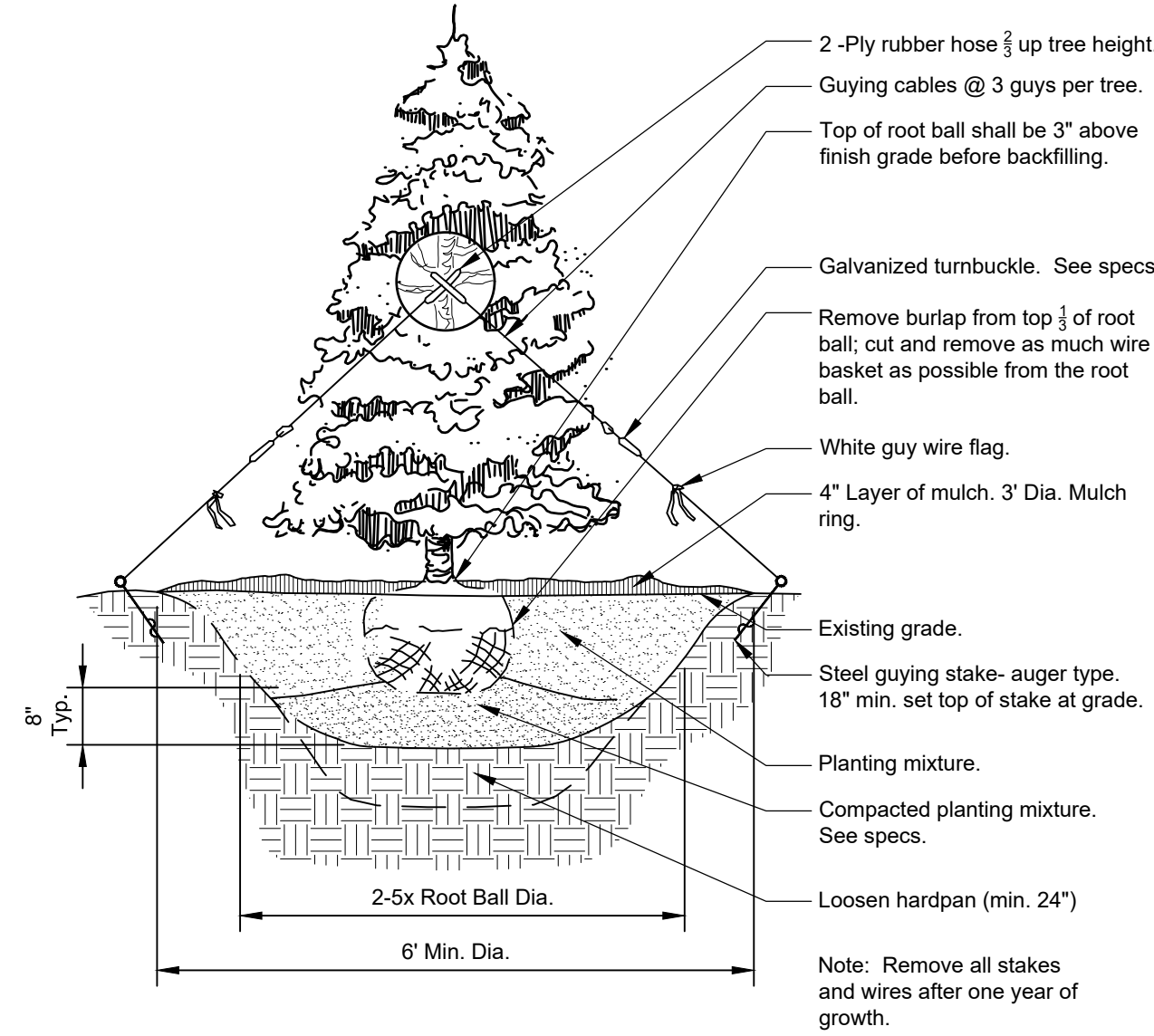
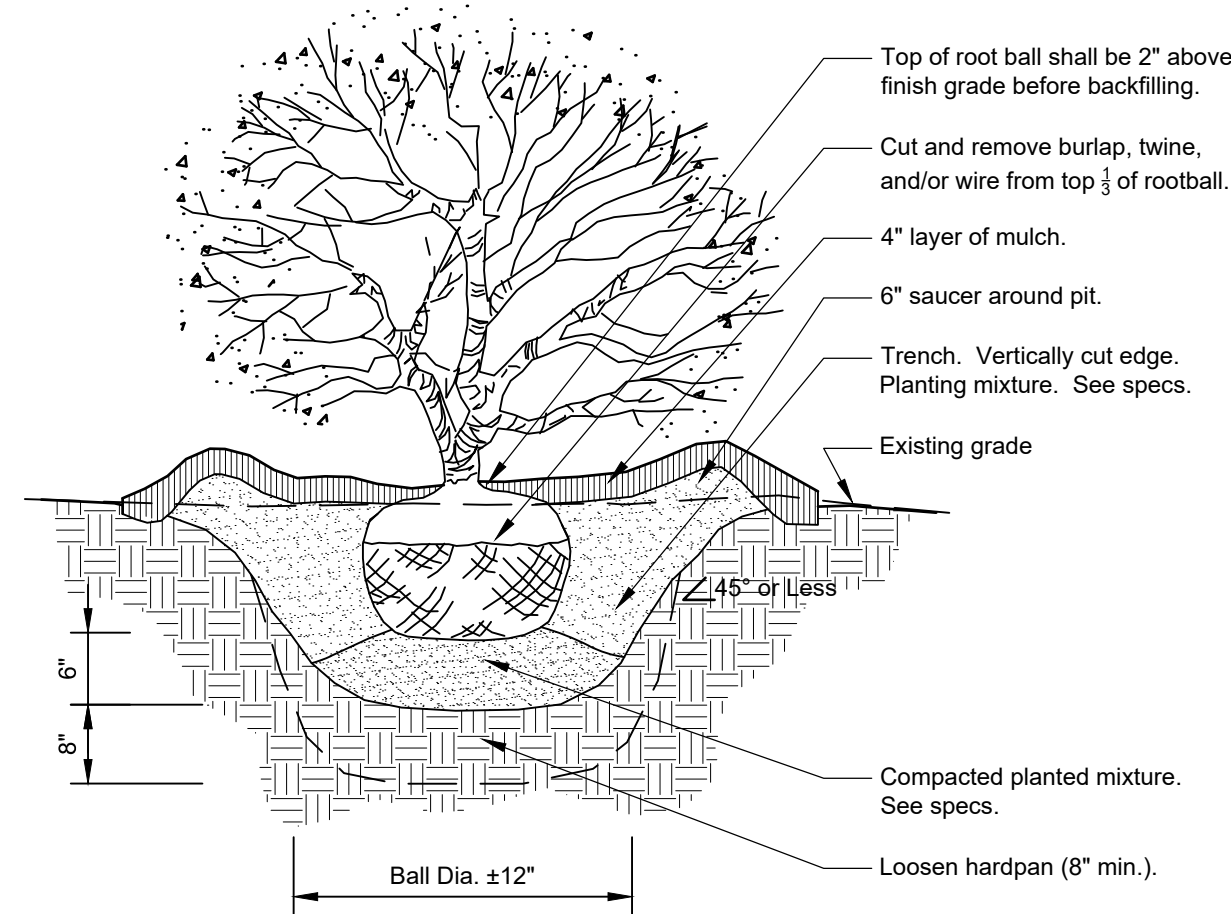


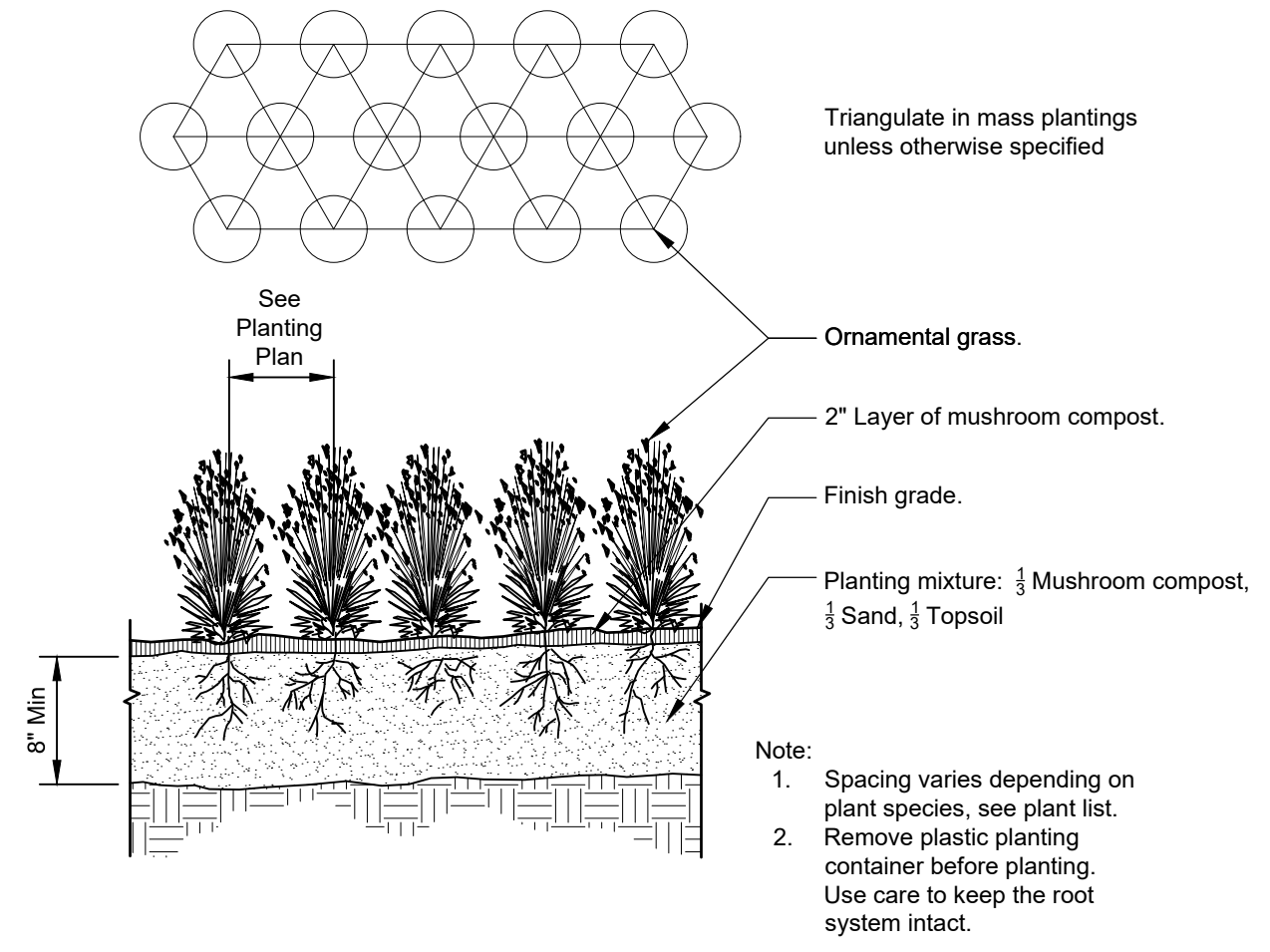
1 DECIDUOUS TREE PLANTING
1/4" = 1'-0" 32 9343.33-20



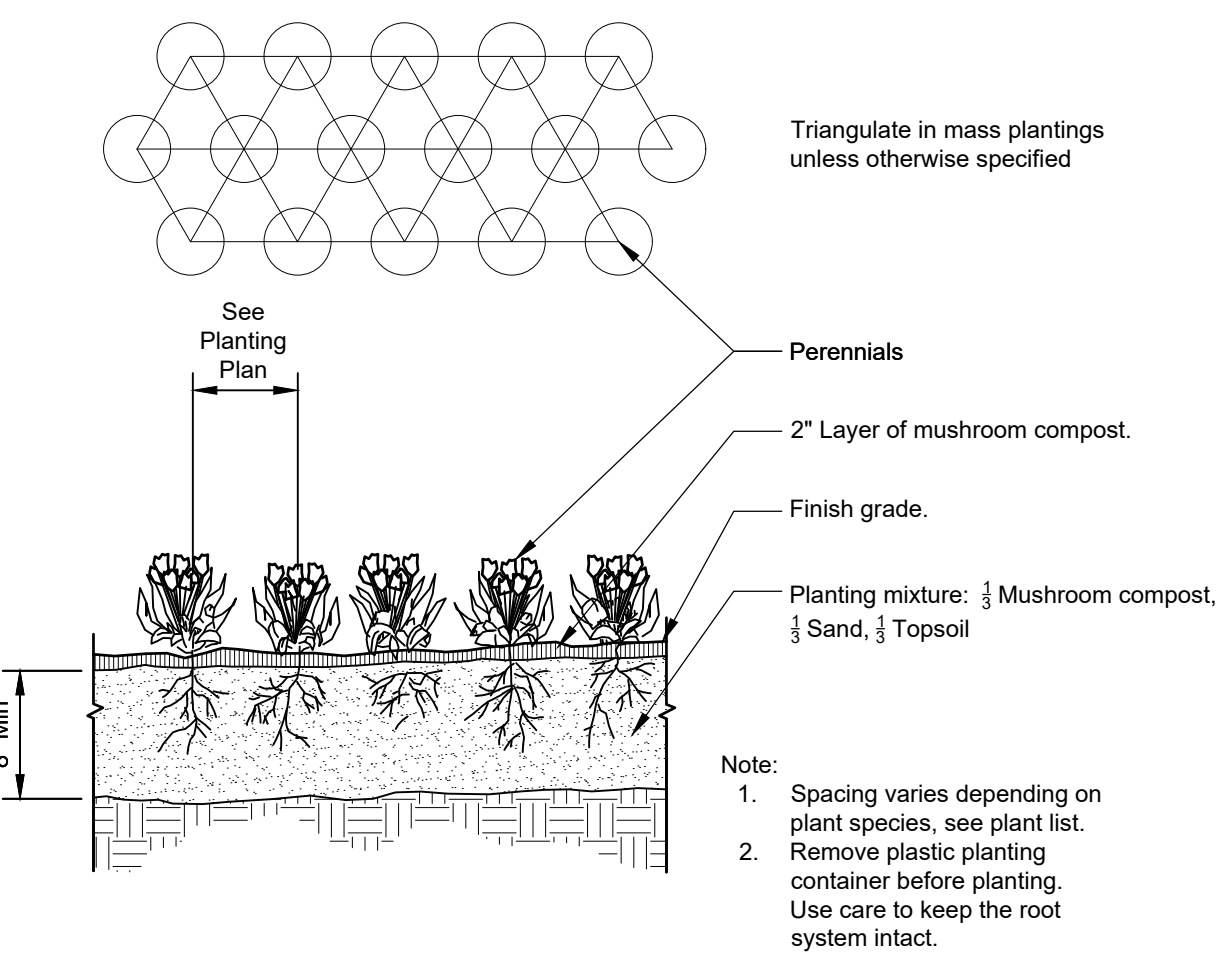
2 CONIFER TREE PLANTING
1/4" = 1'-0" 32 9343.46-01



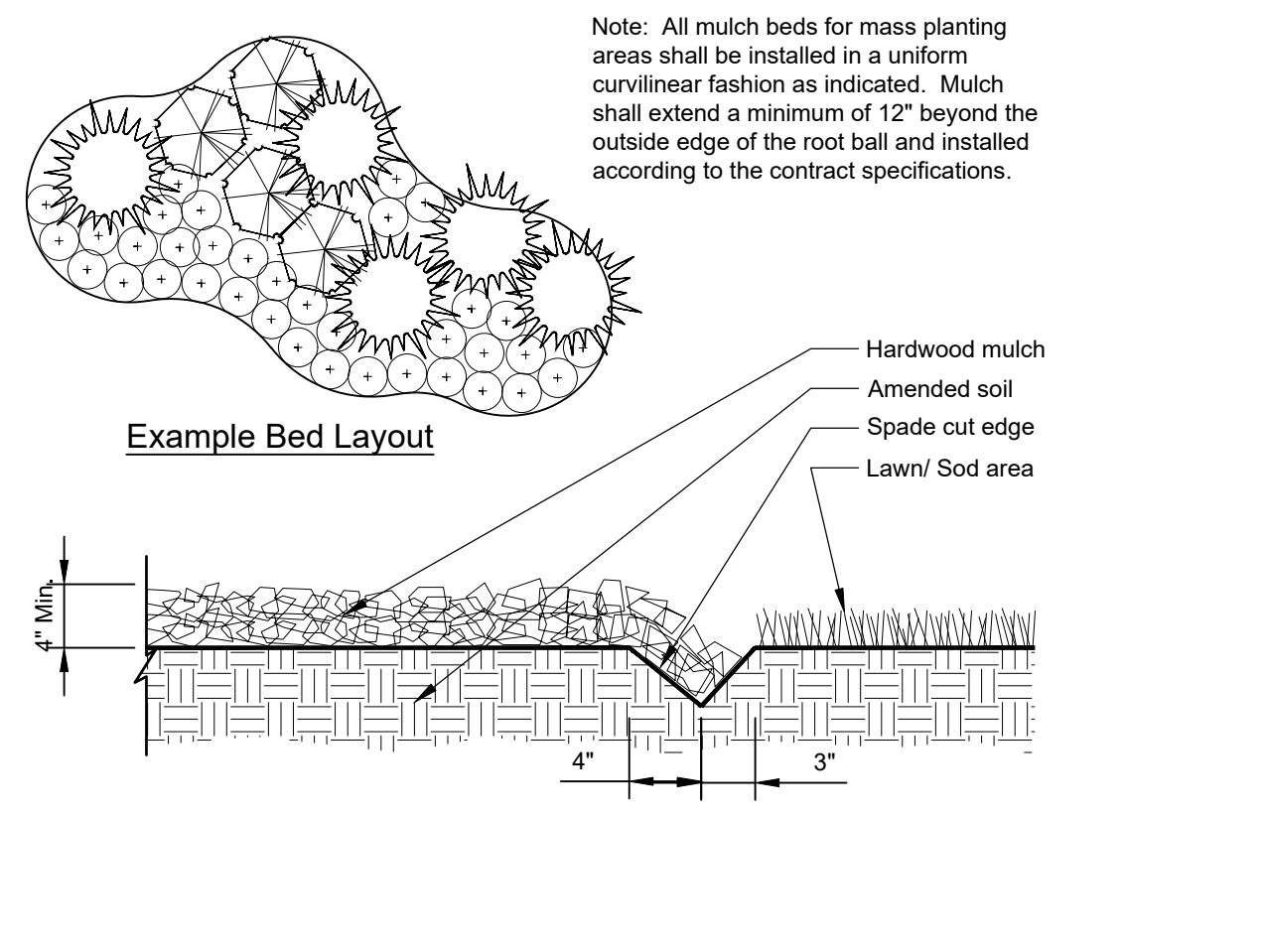
3 SHRUB PLANTING DETAIL
3/4" = 1'-0" 32 9333.16-05



4 ORNAMENTAL GRASS PLANTING
1" = 1'-0" 32 9313-01



5 PERENNIAL / ANNUAL PLANTING
1" = 1'-0" 32 9313-02



6 CONTINUOUS MULCH EDGING
1" = 1'-0" 32 9113.26-01

| CODE | QTY | BOTANICAL NAME | COMMON NAME | SIZE | CONTAINER | REMARKS |
|---------------------------|-----|--|--------------------------------------|-----------|-----------|---------|
| DECIDUOUS TREES | | | | | | |
| AA | 2 | Acer x freemanii 'Jeffersred' | Autumn Blaze® Freeman Maple | 2.5" Cal. | B&B | |
| CC | 1 | Celtis occidentalis 'Chicagoland' | Chicagoland Hackberry | 2.5" Cal. | B&B | |
| GA | 4 | Ginkgo biloba 'Autumn Gold' | Autumn Gold Maidenhair Tree | 2.5" Cal. | B&B | |
| GI | 2 | Gleditsia triacanthos inermis 'Skycole' | Skyline® Honey Locust | 2.5" Cal. | B&B | |
| QM | 1 | Quercus macrocarpa | Burr Oak | 2.5" Cal. | B&B | |
| TR | 1 | Tilia americana 'Redmond' | Redmond American Linden | 2.5" Cal. | B&B | |
| EVERGREEN TREES | | | | | | |
| PG | 3 | Picea pungens 'Glauca' | Blue Colorado Spruce | 6' Ht. | B&B | |
| DECIDUOUS SHRUBS | | | | | | |
| AP | 24 | Aronia melanocarpa 'SMNAMPEM' | Low Scape Snowfire™ Black Chokeberry | 5 gal. | Pot | |
| CS | 18 | Cephalanthus occidentalis 'SMCOSS' | Sugar Shack® Buttonbush | 5 gal. | Pot | |
| CF | 3 | Cornus sericea 'Farrow' | Arctic Fire® Red Twig Dogwood | 5 gal. | Pot | |
| FG | 4 | Fothergilla gardenii | Dwarf Fothergilla | 5 gal. | Pot | |
| HJ | 9 | Hydrangea paniculata 'Jane' | Little Lime® Panicle Hydrangea | 5 gal. | Pot | |
| PO | 8 | Physocarpus opulifolius 'Dart's Gold' | Dart's Gold Ninebark | 5 gal. | Pot | |
| RL | 17 | Rosa rugosa 'Purple Pavement' | Purple Pavement Rose | 5 gal. | Pot | |
| SS | 7 | Sorbaria sorbifolia 'Sem' | Sem False Spiraea | 5 gal. | Pot | |
| TT | 6 | Thuja occidentalis 'Techny' | Techny Arborvitae | 5 gal. | Pot | |
| EVERGREEN SHRUBS | | | | | | |
| JP | 23 | Juniperus chinensis 'Kallays Compact' | Kallay Compact Pfitzer Juniper | 5 gal. | Pot | |
| TD | 22 | Taxus x media 'Densiformis' | Dense Anglo-Japanese Yew | 5 gal. | Pot | |
| TH | 2 | Thuja occidentalis 'Holmstrup' | Holmstrup Arborvitae | 6' | B&B | |
| ORNAMENTAL GRASSES | | | | | | |
| CK | 6 | Calamagrostis x acutiflora 'Karl Foerster' | Karl Foerster Feather Reed Grass | 3 gal. | Pot | |
| PS | 9 | Panicum virgatum 'Shenandoah' | Shenandoah Switch Grass | 3 gal. | Pot | |
| PERENNIALS | | | | | | |
| AE | 112 | Asarum europaeum | European Wild Ginger | flat | | |
| HO | 87 | Hemerocallis x 'Stella de Oro' | Stella de Oro Daylily | 1 gal. | | |
| PW | 14 | Phlox divaricata | Woodland Phlox | 1 gal. | | |
| VF | 38 | Veronica x 'Wizard of Ahhs' | Magic Show® Blue Speedwell | 1 gal. | | |
| HD | 78 | x Heucherella x 'Eye Spy' | Fun and Games® Eye Spy Foamy Bells | 1 gal. | | |

City of Naperville Required Landscaping

PLANTING AREA REQUIREMENTS

Requirement: Deciduous trees must be 2.5" Cal min. and evergreens must be 6' ht.

PARKWAY LANDSCAPING REQUIREMENT

Requirement: Parkway Trees shall be evenly spaced not more than forty (40) feet apart; Maximum of 5 species in a row; 4 feet from sidewalks.

North Property Line: 366.75 linear feet
366.75 / 40 = (9.17) = 9 Parkway Trees

West Property Line: 200 linear feet
200 / 40 = 5 Parkway Trees

Required- 14 Parkway Trees
On Plan - 9 Existing Trees to Remain and 5 Proposed Parkway Trees

PERIMETER LANDSCAPING REQUIREMENT

Requirement: Shade tree or evergreen trees provided along property lines every 70 linear feet.

North Property Line: 366.75 linear feet
366.75 / 70 = (5.24) = 5 Shade/Evergreen Trees

East Property Line: 268.31 linear feet
268.31 / 70 = (3.83) = 4 Shade/Evergreen Trees

South Property Line: 217 linear feet
217 / 70 = (3.1) = 3 Shade/Evergreen Trees

West Property Line: 200 linear feet
200 / 70 = (2.85) = 3 Shade/Evergreen Trees

Required- 15 Shade/Evergreen Trees
On Plan - 5 Existing Shade Trees and 7 Proposed Shade and 3 Proposed Evergreen Trees

FOUNDATION PLANTING REQUIREMENT

Requirement: One plant for every three (3) linear feet of building length. A combination of deciduous shrubs, evergreens, flowers, ornamental grasses or other native ground covers should be used.

410.5 LF Foundation / 3 = (136.83) = 137 plant material required

Required- 137 Plant Material
On Plan - 38 Shrubs, 21 Ornamental Grasses, 78 Perennials

INTERIOR PARKING LOT LANDSCAPING REQUIREMENT

Requirement: One deciduous tree shall be planted in a landscape island for every 20 continuous parking spaces. Landscape islands shall be 130 square feet or more. 50% of landscape islands shall be landscaped.

3 Parking Lot Islands = 3 Trees and 390 Square Feet

Required - 3 Trees and 390 Square Feet
On Plan - 3 Trees and 390 Square Feet

PARKING LOT PERIMETER LANDSCAPING REQUIREMENT ACROSS FROM NON-RESIDENTIAL

Requirement: Front Yard/Corner Side Yard - Landscaping shall be provided 50% across from non-residential property. Shrubs to be placed 4' o.c.

Rear/Interior Side Yard - Landscaping shall be provided 50% abutting non-residential property. Shrubs to be placed 4' o.c. and shade trees shall be spaced one per 70 linear feet

Total Parking Lot Perimeter = 547 LF / 60 = 9 Trees Required

Required - 9 trees
On Plan - 1 Shade Tree and 2 Evergreen Trees
Request Variance due to shared access of parking lot area

SCREENING OF REFUSE DISPOSAL AREAS
Requirement: Screening shall be screened by commercial grade wood fence, wall or equivalent material to a height of six (6) feet.

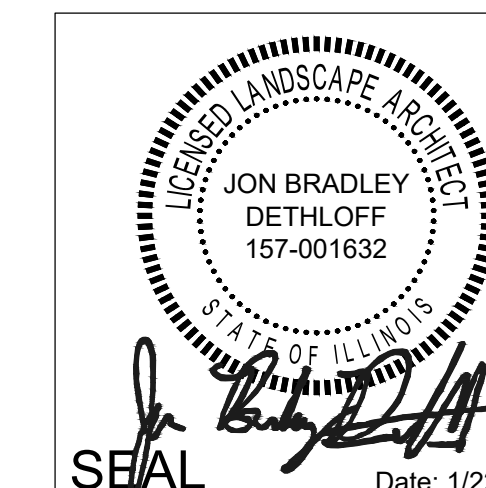
Meets Requirements

TREE PRESERVATION PLAN

See Sheet L2 for TREE PRESERVATION PLAN

Landscape Notes:

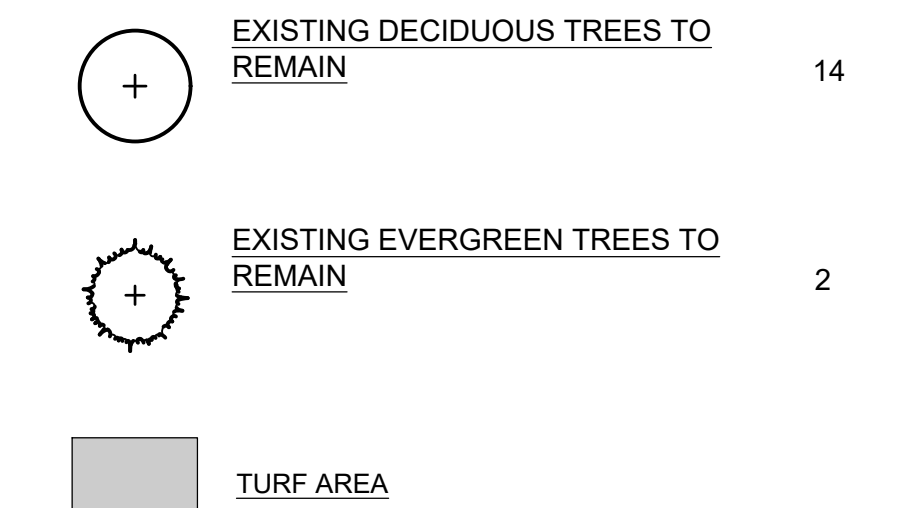
- Seed/ Sod limit line is approximate. Seed/ Sod to limits of grading and disturbance. Contractor responsible for restoration of any unauthorized disruption outside of designated construction area.
- Contractor responsible for erosion control in all seeded/ sodded areas. Tree mulch rings in turf areas are 5' diameter. Contractor shall provide a mulch ring around all existing trees within the limits of work. Remove all existing grass from area to be mulched and provide a typical spade cut edge. Landscape Fabric shall not be installed under mulch. Root flares shall be at or above grade, per specifications, and all rope/cord shall be removed from the base of tree trunks.
- Bedlines are to be spade cut to a minimum depth of 3". Curved bedlines are to be smooth and not segmented.
- All planting beds shall receive top dressing of mulch. Landscape fabric shall not be installed under mulch.
- Do not locate plants within 10' of utility structures or within 5' horizontally of underground utility lines unless otherwise shown on plans. Consult with Landscape Architect if these conditions exist.
- For Lump Sum Contracts, plants and other materials are quantified and summarized for the convenience of the Owner and jurisdictional agencies only. Confirm and install sufficient quantities to complete the work as drawn and specified. No additional payments will be made for materials required to complete the work as drawn and specified.
- For Unit Price Contracts, payments will be made based on actual quantities installed as measured in place by the Owner's Representative.
- It is the responsibility of the contractor to locate and provide plant material as specified on this plan. The contractor may submit a request to provide substitutions for the specified plant material under the following conditions:
 - Any substitutions proposed shall be submitted to the project owner's representative within two weeks of the award of contract. Substitutions must meet equivalent design and functional goals of the original materials as determined by the owner's representative. Any changes must have the approval of the owner's representative.
 - The request will be accompanied by at least three notices from plant material suppliers that the plant material specified is not available and will not be available prior to construction.
- Verify site conditions and information on drawings. Promptly report any concealed conditions, mistakes, discrepancies or deviations from the information shown in the Contract Documents. The Owner is not responsible for unauthorized changes or extra work required to correct unreported discrepancies. Commencement of work shall constitute acceptance of conditions and responsibility for corrections.
- A minimum of two working days before performing any digging, call underground service alert for information on the location of natural gas lines, electric cables, telephone cables, etc. The contractor shall be responsible for location and protection of all utilities, and repair of any damage resulting from his work at no additional cost to the owner.
- Contractor shall promptly repair all damages to existing site at no cost to owner.
- Refer to landscape specifications for additional conditions, standards, and notes.



Jon Bradley Dethloff, ASLA, PLA
Illinois Registered Landscape Architect # 157-001632
Expires 08/31/2025



CONCEPT PLANT SCHEDULE



NOTE: Trees should be set a minimum of ten (10) feet horizontally from manholes, valve vaults, valve boxes, service boxes, and fire hydrants.

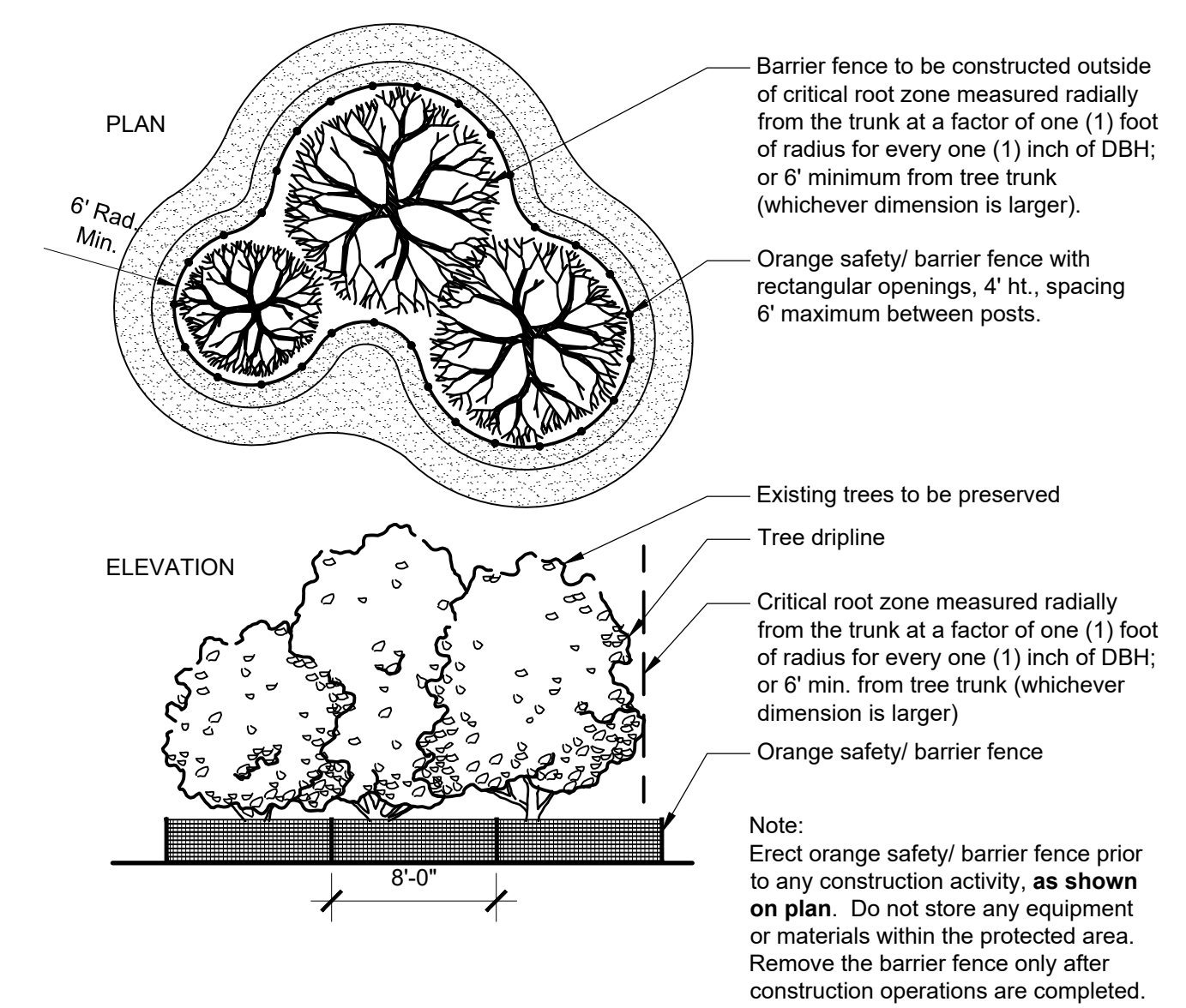
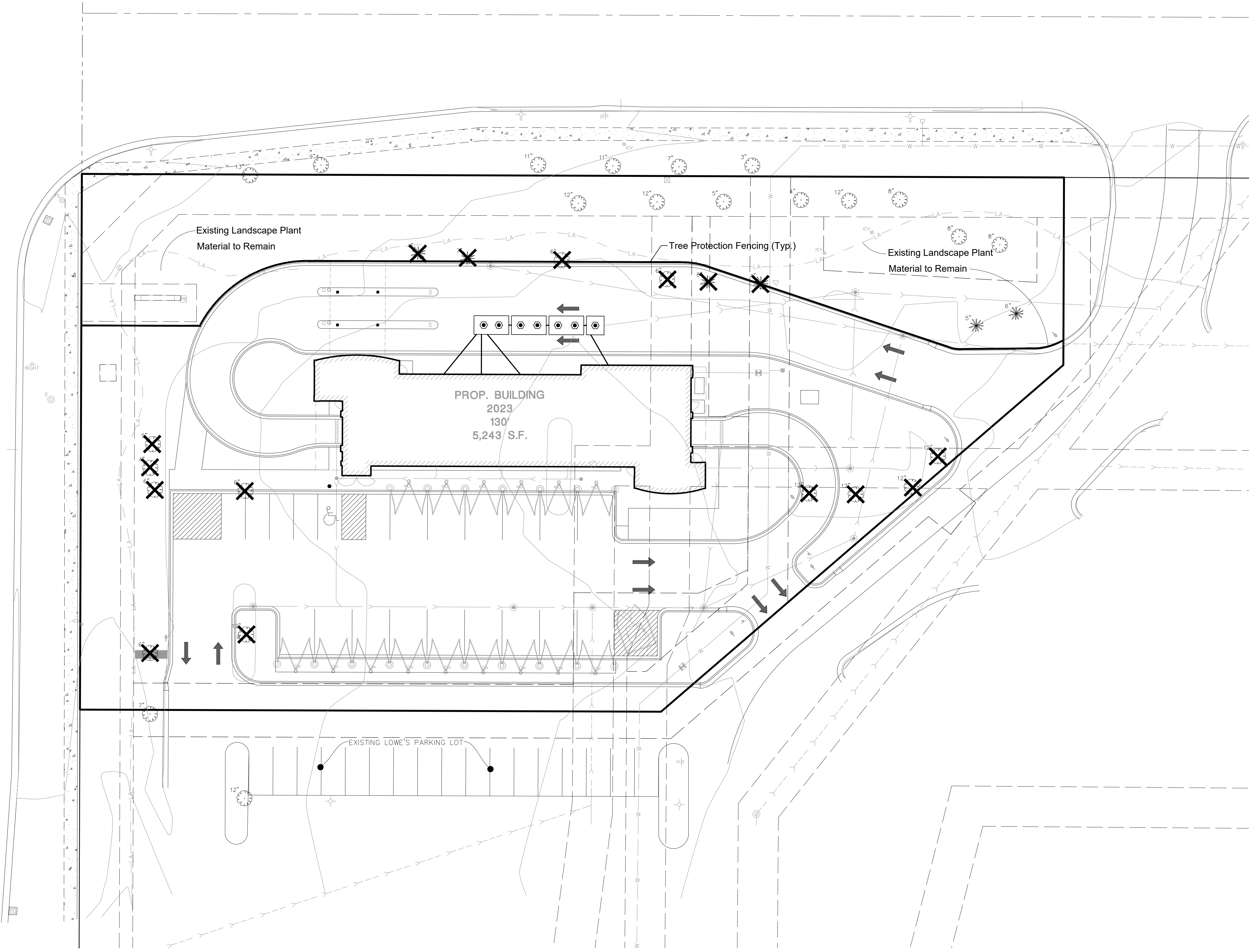
NOTE: Trees should be set a minimum of five (5) feet horizontally from water mains and services.

Manhard CONSULTING
700 Springer Drive, Lombard, IL 60148
Civil & Water Resources Engineers
Construction Managers | Environmental Scientists | Landscape Architects | Planners

TOMMY'S EXPRESS CAR WASH
NAPERVILLE, ILLINOIS
LANDSCAPE SUMMARY AND DETAILS

PROJ MGR: SMS
PROJ ASSOC: DS
DRAWN BY: JBD
DATE: 12/20/23
SCALE: #####
SHEET
L1 OF L4
#####

January 22, 2024 - 15:20 Day Name: P:\C\m\01\Land\plan\02 Final\2023-12-22 Final Landscape Plan.dwg Updated By: Identhoff


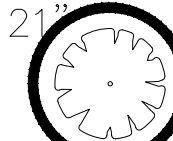



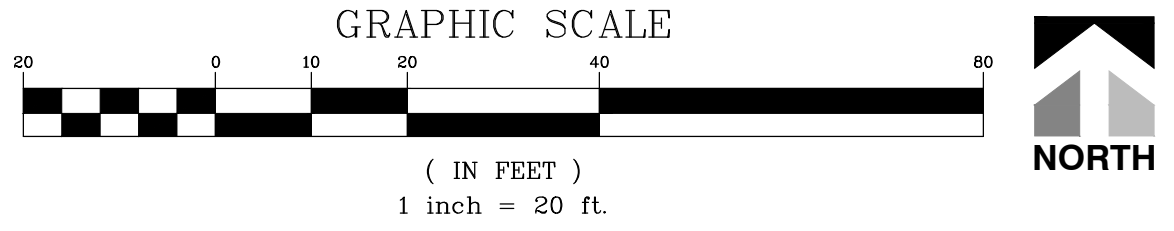
1 TREE PROTECTION PLAN
N.T.S. 320190.33-01

Root Pruning
Existing tree roots greater than one (1) inch in diameter, measured at the edge of excavation, shall be pruned within 24 hours of the time they have been damaged by construction activity. The severed root shall be pruned at the edge of excavation, or one (1) inch beyond the entire damaged portion of the tree root, if damaged root extends beyond the edge of excavation into undisturbed soil.
All cuts shall be cleanly made with sharp tools.

The excavated area around the existing tree roots shall be backfilled as soon as construction activities permit.
Amended existing soil shall be used as backfill material within the disturbed root zone areas not receiving drainage or subbase stone items. Amended existing soil shall be amended with peat or compost in the ratio of one part organic to seven parts existing soil.

Vulnerable Area Protection Methods
All tree root zones designated as "Vulnerable" shall receive special care and attention during construction. These areas contain roots for large trees that are within the construction area. Since these trees have high value to the project, efforts shall be made to preserve these trees, however the property owner will not be held liable if the trees do not survive.
An arborist should be consulted prior to construction to provide advice on preservation techniques. Each tree and construction condition is unique so an arborist is best qualified to provide a recommendation for each tree. Preservations may include root pruning, crown pruning, hormone treatment, fertilizers, soil amendments, excavation techniques, etc.

- Legend**
-  Tree to be Removed
 -  Protective Fencing for Tree to be Preserved
 -  Vulnerable Area



| | | | | | |
|-------------|----------|---------------|--------|-----------|-----|
| DRAWN BY | | REVISIONS | | DATE | |
| PROJ. MGR.: | SMS | PROJ. ASSOC.: | DS | DRAWN BY: | JBD |
| DATE: | 12/20/23 | SCALE: | 1"=20' | SHEET | |
| L2 | | OF | | L4 | |
| ##### | | | | | |

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Manhard CONSULTING

700 Springer Drive, Lombard, IL 60148 ph: 630.691.6800 fx: 630.691.6845 manhard.com
 1000 S. Wacker Drive, Suite 1000, Chicago, IL 60606 ph: 312.467.8800
 Construction Managers | Environmental Scientists | Landscape Architects | Planners

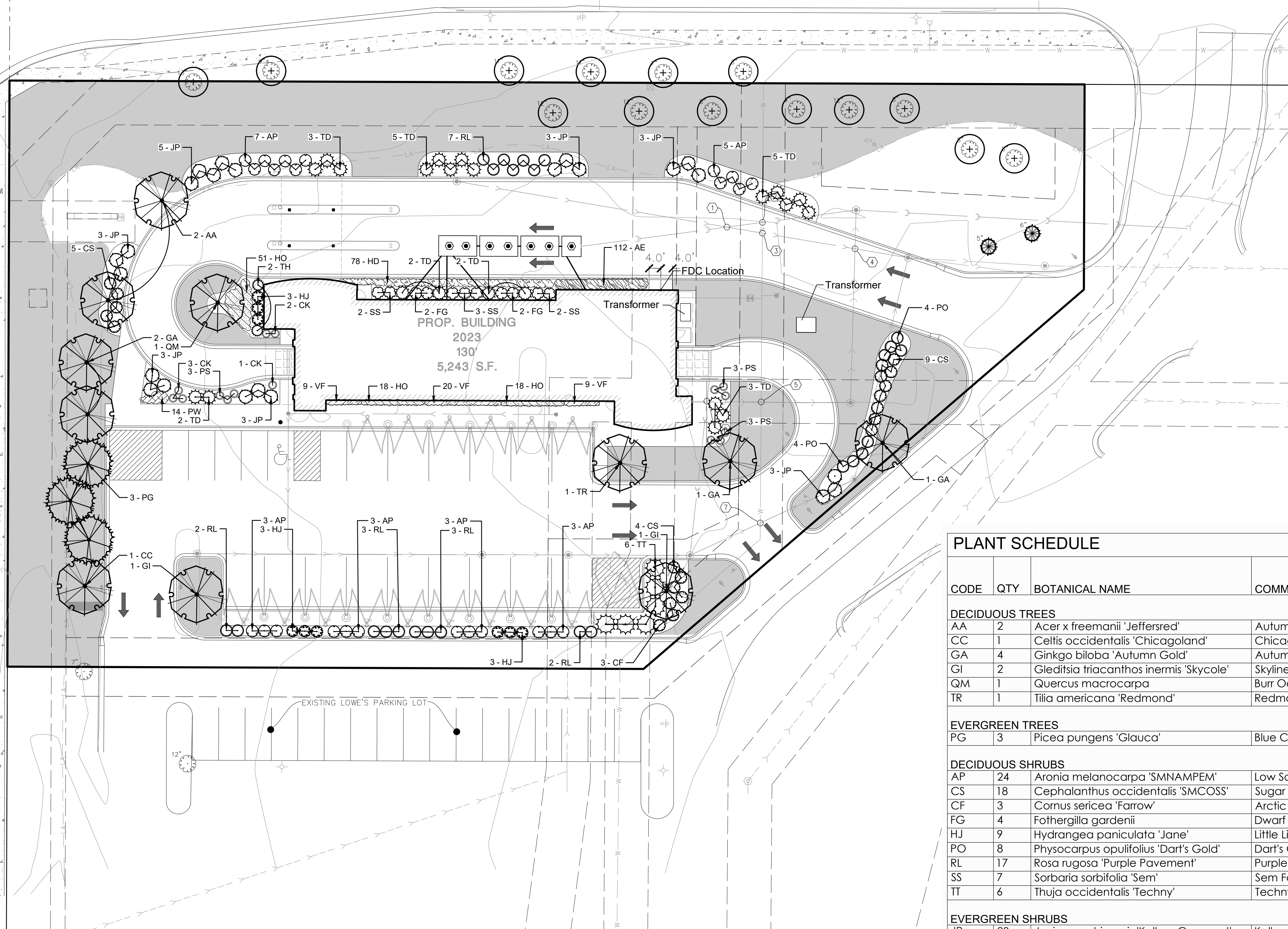
TOMMY'S EXPRESS CAR WASH

NAPERVILLE, ILLINOIS

TREE PRESERVATION PLAN

BEEBE DRIVE

IL ROUTE 59



CONCEPT PLANT SCHEDULE

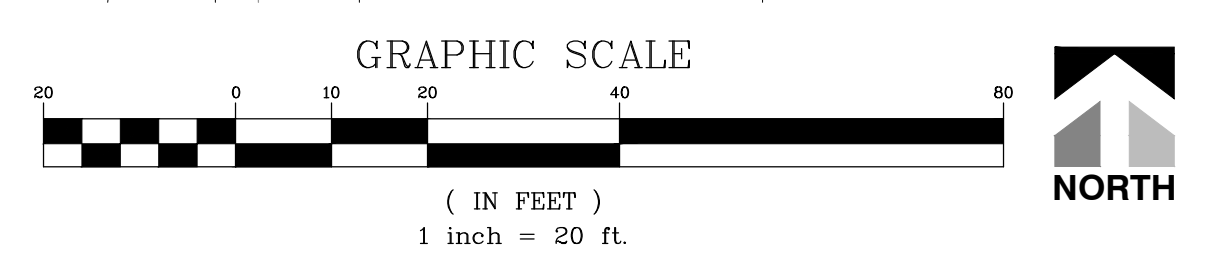
- EXISTING DECIDUOUS TREES TO REMAIN 14
- EXISTING EVERGREEN TREES TO REMAIN 2
- TURF AREA

NOTE: Trees should be set a minimum of ten (10) feet horizontally from manholes, valve vaults, valve boxes, service boxes, and fire hydrants.

NOTE: Trees should be set a minimum of five (5) feet horizontally from water mains and services.

PLANT SCHEDULE

| CODE | QTY | BOTANICAL NAME | COMMON NAME | SIZE | CONTAINER | REMARKS |
|---------------------------|-----|--|--------------------------------------|-----------|-----------|---------|
| DECIDUOUS TREES | | | | | | |
| AA | 2 | Acer x freemanii 'Jeffersred' | Autumn Blaze® Freeman Maple | 2.5" Cal. | B&B | |
| CC | 1 | Celtis occidentalis 'Chicagoland' | Chicagoland Hackberry | 2.5" Cal. | B&B | |
| GA | 4 | Ginkgo biloba 'Autumn Gold' | Autumn Gold Maidenhair Tree | 2.5" Cal. | B&B | |
| GI | 2 | Gleditsia triacanthos inermis 'Skycole' | Skyline® Honey Locust | 2.5" Cal. | B&B | |
| QM | 1 | Quercus macrocarpa | Burr Oak | 2.5" Cal. | B&B | |
| TR | 1 | Tilia americana 'Redmond' | Redmond American Linden | 2.5" Cal. | B&B | |
| EVERGREEN TREES | | | | | | |
| PG | 3 | Picea pungens 'Glauca' | Blue Colorado Spruce | 6' Ht. | B&B | |
| DECIDUOUS SHRUBS | | | | | | |
| AP | 24 | Aronia melanocarpa 'SMNAMPEM' | Low Scape Snowfire™ Black Chokeberry | 5 gal. | Pot | |
| CS | 18 | Cephalanthus occidentalis 'SMCOSS' | Sugar Shack® Buffonbush | 5 gal. | Pot | |
| CF | 3 | Cornus sericea 'Farrow' | Arctic Fire® Red Twig Dogwood | 5 gal. | Pot | |
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| HJ | 9 | Hydrangea paniculata 'Jane' | Little Lime® Panicle Hydrangea | 5 gal. | Pot | |
| PO | 8 | Physocarpus opulifolius 'Dart's Gold' | Dart's Gold Ninebark | 5 gal. | Pot | |
| RL | 17 | Rosa rugosa 'Purple Pavement' | Purple Pavement Rose | 5 gal. | Pot | |
| SS | 7 | Sorbaria sorbifolia 'Sem' | Sem False Spiraea | 5 gal. | Pot | |
| TT | 6 | Thuja occidentalis 'Techny' | Techny Arborvitae | 5 gal. | Pot | |
| EVERGREEN SHRUBS | | | | | | |
| JP | 23 | Juniperus chinensis 'Kallays Compact' | Kallay Compact Pfitzer Juniper | 5 gal. | Pot | |
| TD | 22 | Taxus x media 'Densiformis' | Dense Anglo-Japanese Yew | 5 gal. | Pot | |
| TH | 2 | Thuja occidentalis 'Holmstrup' | Holmstrup Arborvitae | 6' | B&B | |
| ORNAMENTAL GRASSES | | | | | | |
| CK | 6 | Calamagrostis x acutiflora 'Karl Foerster' | Karl Foerster Feather Reed Grass | 3 gal. | Pot | |
| PS | 9 | Panicum virgatum 'Shenandoah' | Shenandoah Switch Grass | 3 gal. | Pot | |
| PERENNIALS | | | | | | |
| AE | 112 | Asarum europaeum | European Wild Ginger | flat | | |
| HO | 87 | Hemerocallis x 'Stella de Oro' | Stella de Oro Daylily | 1 gal. | | |
| PW | 14 | Phlox divaricata | Woodland Phlox | 1 gal. | | |
| VF | 38 | Veronica x 'Wizard of Ahhs' | Magic Show® Blue Speedwell | 1 gal. | | |
| HD | 78 | x Heucherella x 'Eye Spy' | Fun and Games® Eye Spy Foamy Bells | 1 gal. | | |



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| DATE | REVISIONS | BY |
|----------|---------------------------|-----|
| 01/22/24 | REVISED PER CITY COMMENTS | JBD |

Manhard CONSULTING
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 Construction Managers | Environmental Scientists | Landscape Architects | Planners

TOMMY'S EXPRESS CAR WASH
 NAPERVILLE, ILLINOIS
 LANDSCAPE PLAN

PROJ. MGR.: SMS
 PROJ. ASSOC.: DS
 DRAWN BY: JBD
 DATE: 12/20/23
 SCALE: 1"=20'

SHEET
L3 OF L4
 #####

