


Landscare
TECHNOLOGIES

657 Jacobs Creek Drive
St. Charles, Missouri 63304
11111 Landscare Architectural Corporation 63362545

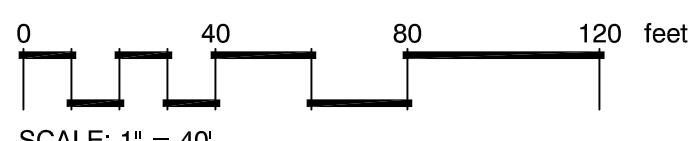
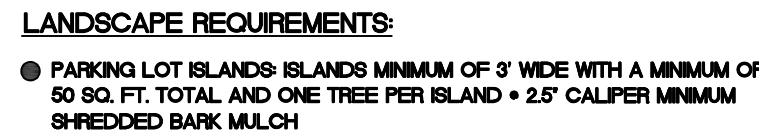
(636) 428-1250
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 RANDALL W. MARDIS
 ILLINOIS LANDSCAPE ARCHITECT
 DATE: 9/15/2023

Orchard Town Center
VILLAGE OF GLEN CARBON,
ILLINOIS

L-1

OF TWO SHEETS



TYPICAL SITE TRIANGLE

NOTE:
ALL SHRUBS/PERENNIALS TO
BE MAINTAINED @ 24"
MAXIMUM HEIGHT WITHIN SIGHT
TRIANGLE AREAS

PLANT SCHEDULE - PARK			
TREES	QTY	COMMON / BOTANICAL NAME	SIZE
SAW	1	SANTOOTH OAK / QUERCUS ACUTISSIMA	3'CAL.
HM	2	HEDGE MAPLE / ACER CAMPESTRE	3'CAL.
SVRM	2	SUN VALLEY RED MAPLE / ACER RUBRUM 'SUN VALLEY'	3'CAL
EVERGREEN TREES	QTY	COMMON / BOTANICAL NAME	SIZE
GGA	6	GREEN GIANT ARBORVITAE / THUJA PLICATA 'GREEN GIANT'	8'-10'
NS	3	NORWAY SPRUCE / PICEA ABIES	8'-10'
FLOWERING TREES	QTY	COMMON / BOTANICAL NAME	SIZE
JTL	2	IVORY SILK JAPANESE TREE LILAC / SYRINGA RETICULATA 'IVORY SILK'	2'CAL.
MRB	3	MERLOT REDBUD / CERCIS X 'MERLOT'	2'CAL.

REVISIONS	BY
8/22/2023	RMM
9/5/2023	RMM

Landscape Technologies

67 Jacobs Creek Drive
 60131-1230
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 (848) 438-1230
 11 Landscape Architectural Corporation 00919450

RANDALL K. HARDS
 LICENSED LANDSCAPE ARCHITECT #187-000154
 DATE: 9/5/2023

PLANTING PLAN FOR THE PROPOSED OUTLOT 13 + PARK:

Orchard Town Center

VILLAGE OF GLEN CARBON, ILLINOIS

DRAWN R. HARDS
CHECKED RMM/SJB
DATE 6/15/2023
SCALE N.A.
JOB No. 2023-137
SHEET L-2
OF TWO SHEETS

LANDSCAPE GUIDELINE SPECS:

GENERAL:

- All natural vegetation shall be maintained where it does not interfere with construction or the permanent plan of operation. Every effort possible shall be made to protect existing structures or vegetation from damage due to equipment usage. Contractor shall at all times protect all materials and work against injury to public. The landscape contractor shall be responsible for any coordination and sequencing with other site related work being performed by other contractors. Refer to additional drawings for further coordination of work to be done.
- Underground facilities, structures and utilities must be considered approximate only. There may be others not presently known or shown. It shall be the landscape contractor's responsibility to determine or verify the existence of and exact location of the above (Call utility location services in municipality).
- Plant material are to be planted in the same relationship to grade as was grown in nursery conditions. All planting beds shall be cultivated to 6" depth minimum and graded smooth immediately before planting of plants. Plant groundcover to within 12" of trunk of trees or shrubs planted within the area.
- It shall be the landscape contractor's responsibility to:
 - Verify all existing and proposed features shown on the drawings prior to commencement of work.
 - Report all discrepancies found with regard to existing conditions or proposed design to the landscape architect immediately for a decision.
 - Stake the locations of all proposed plant material and obtain the approval of the owner's representative or landscape architect ten (10) days prior to installation.
- Items shown on this drawing take precedence over the material list. It shall be the landscape contractor's responsibility to verify all quantities and conditions prior to implementation of this plan. No substitutions of types or size of plant materials will be accepted without written approval from the landscape architect.
- Provide single-stem trees unless otherwise noted in plant schedule.
- All plant material shall comply with the recommendations and requirements of ANSI Z60.1 "American Standards for Nursery Stock".
- It shall be the contractor's responsibility to provide for inspection of the plant material by the Landscape Architect (or Owners' Representative) prior to acceptance. Inspections may take place before, during or after installation. Plants not conforming exactly to the plant list will not be accepted and shall be replaced at the landscape contractor's expense.
- All bids are to have unit prices listed. The Owner has the option to delete any portion of the contract prior to signing the contract or beginning work. This will be a unit price contract; quotes shall be valid for 12 months.
- Should auger equipment be utilized in excavating any plant pits, vertical sides of plant pits shall be thoroughly scarified to avoid creation of "polished side walls" prior to plant material installation.
- All excess topsoil, rocks, debris and/or tainted soils shall be removed by the general contractor prior to point project is turned over to the landscape contractor to commence landscape installation.
- Keep all plant material (except turf) a minimum of 36" clear of fire hydrants.
- Landscape contractor shall kill & remove all existing weeds within the project site.
- All tags, nursery stakes, labels, etc. shall be removed by the landscape contractor at completion of all landscape installation.
- Landscape contractor shall be in compliance with all federal, state and local laws / regulations relating to insect infestation and/or plant diseases.
- All substitutions of plant material shall be submitted to landscape architect for approval.

PRUNING:

- Lightly prune trees at time of planting. Prune only the crossover limbs, interfering leaders and/or any broken branches. Some interior twigs and lateral branches may be pruned. However, do not remove the terminal buds of branches that extend to the edge of the crown.
- All pruning shall comply with ANSI A300 standards.

INSURANCE:

- The landscape contractor shall submit certificates of insurance for workman's compensation and general liability.

MULCH:

- All mulch to be shredded oak bark mulch at 3" depth (after compaction) unless otherwise noted. Mulch shall be clean and free of all foreign materials, including weeds, mold, deleterious materials, etc.
- No plastic sheeting or filter fabric shall be placed beneath shredded bark mulch beds. W/raft fabric shall be used beneath all gravel mulch beds. Lap fabric 6" over adjacent coverages.
- Edge all beds with spade-cut edge unless otherwise noted.

SIGHT TRIANGLES:

- No landscape material or other obstructions shall be placed or be maintained within the sight distance area so as not to impede the vision between a height of thirty inches (30") and ten feet (10') above the adjacent street or paving surfaces.
- Sight triangles at the intersection of a public street and a private access way (except for single family residences) shall also be formed by measuring from the point of intersection of the street frontage curb and the entrance curb lines a distance of 35' and connecting the points so established to form the sight triangle area.

TOPSOIL:

- Topsoil mix for all proposed landscape plantings shall be five (5) parts well-drained screened organic topsoil to one (1) part Canadian sphagnum peat moss as per planting details. Rotate-till topsoil mix to a depth of 6" minimum and grade smooth.
- Provide a soil analysis, as requested, made by an independent soil-testing agency outlining the % of organic matter, inorganic matter, deleterious material, pH and mineral content.
- Any foreign topsoil used shall be free of roots, stumps, weeds, brush, stones (larger than 1"), litter or any other extraneous or toxic material. Landscape contractor shall be fully responsible for correcting all negative soil issues prior to plant installation. Killing and removal of all weeds shall be the responsibility of the landscape contractor as part of this task.

- Landscape contractor to apply pre-emergent herbicide to all planting beds upon completion of planting operations and before application of shredded bark mulch.
- Install siltation controls prior to commencement of any grading operations. Inspect and maintain all siltation fences on a weekly basis until vegetation is established.

TURF:

- All disturbed lawn areas to be seeded with a mixture of Turf-Type fescue (500# per acre) and bluegrass (10# per acre). Lawn areas shall be unconditionally warranted for a period of 90 days from date of final acceptance. Bare areas more than one square foot per any 50 square feet shall be replaced.

- Seed and fertilization operations shall occur between May 1 and June 15th or between September 1 and October 15th unless directed by others. In writing AND irrigation system is operating.

- granular or pelleted fertilizer consisting of 50% water-insoluble slow release nitrogen, phosphorous and potassium in a 12-12-12 composition.

- The turf contractor shall be responsible for protection of finished grade; restore and repair any erosion or water damage and obtain owners' approval prior to seeding or sod installation.

- Landscape contractor shall offer an alternate price for sod in lieu of seed. Sod shall be cut at a uniform thickness of 3/4".

- No broken pieces, irregular pieces or torn pieces will be accepted.

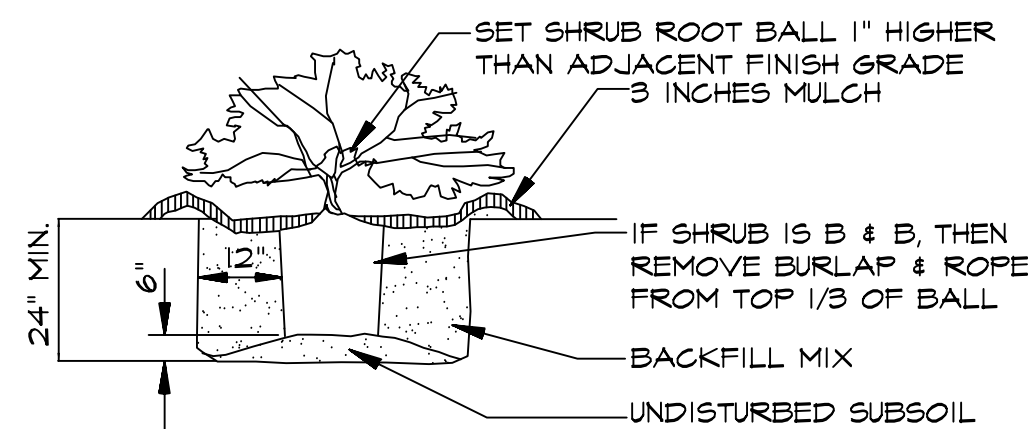
- Any points carrying concentrated water loads and all slopes of 15% or greater shall be sodded.

- All sod shall be placed a maximum of 24 hours after harvesting.

- Recondition existing lawn areas damaged by Contractor's operations including equipment/material storage and movement of vehicles.

- Sod Contractor to ensure sod is placed below sidewalk and all paved area elevations to allow for proper drainage.

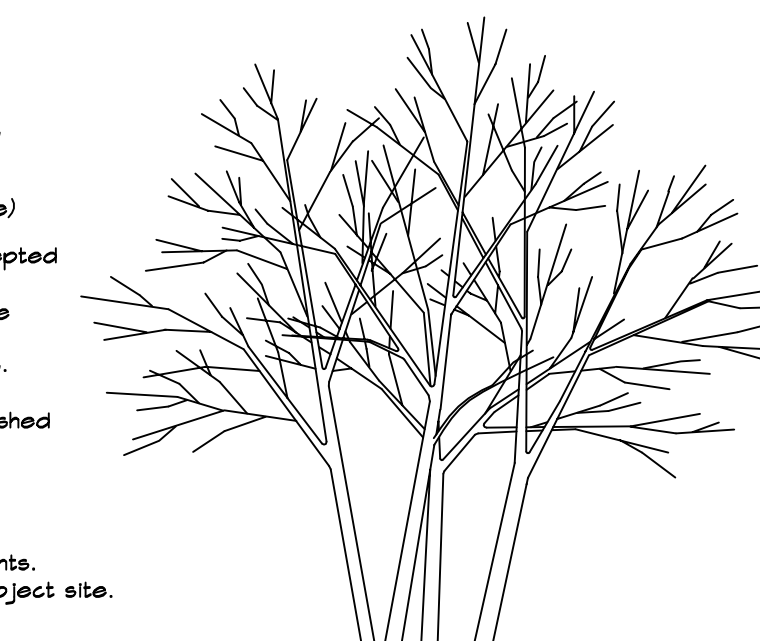
- WARRANTY:
 - All plant material (excluding ground cover, perennials and annuals) are to be warranted for a period of 12 months after complete installation of all landscape material at 100% of the installed price.
 - Any plant material found to be defective shall be removed and replaced within 30 days of notification or in growth season determined to be best for that plant.
 - Only one replacement per tree or shrub shall be required at the end of the warranty period, unless loss is due to failure to comply with the warranty.
 - Lawn establishment period will be in effect once the lawn has been mowed three times. Plant establishment period shall commence on the date of acceptance and 100% completion.
 - A written guarantee shall be provided to the owner per conditions outlined in #1 above.



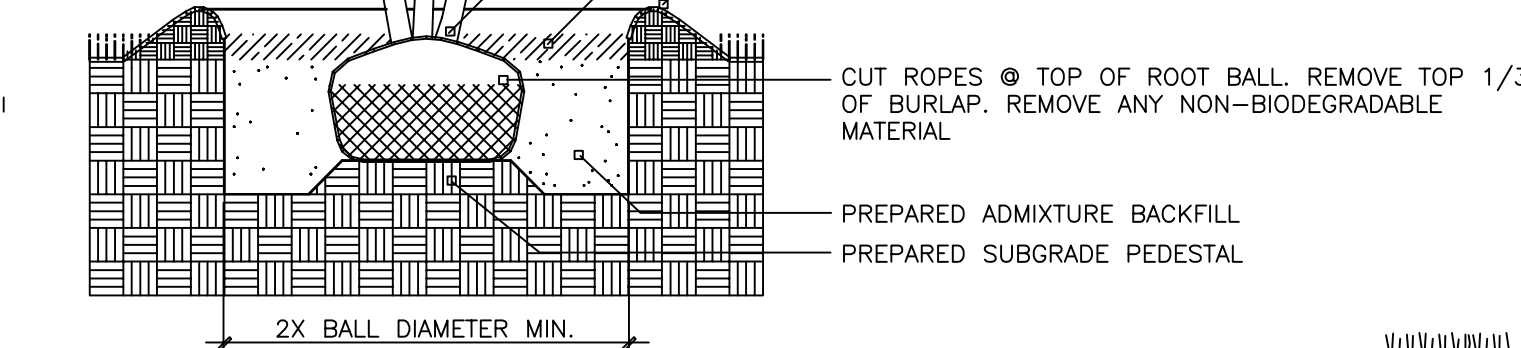
PRUNE ANY BROKEN BRANCHES AFTER PLANTING. DAMAGED SHRUBS OR BROKEN / CRUMBLING ROOT BALLS WILL BE REJECTED.

SHRUB PLANTING

N.T.S.

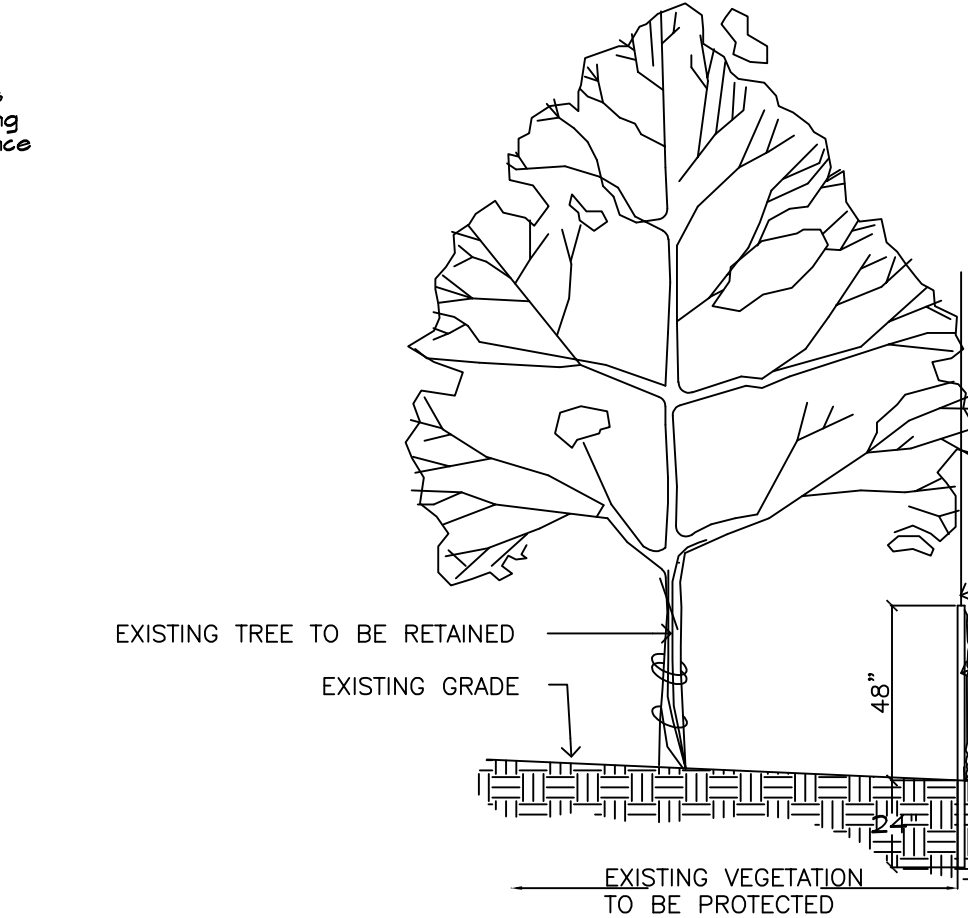


SET TREE AT ORIGINAL GRADE
 SHREDDED BARK MULCH @ 3" MINIMUM
 SOIL SAUCER: USE PREPARED TOPSOIL - 6" MINIMUM



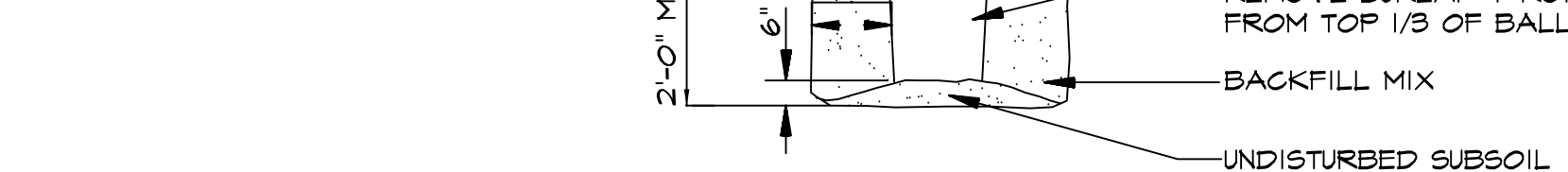
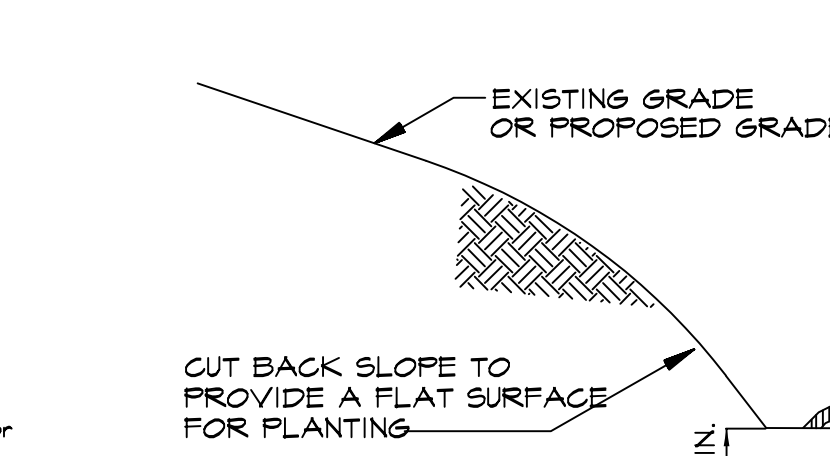
MULTI-STEM TREE PLANTING

N.T.S.



TREE PROTECTION DETAIL

N.T.S.

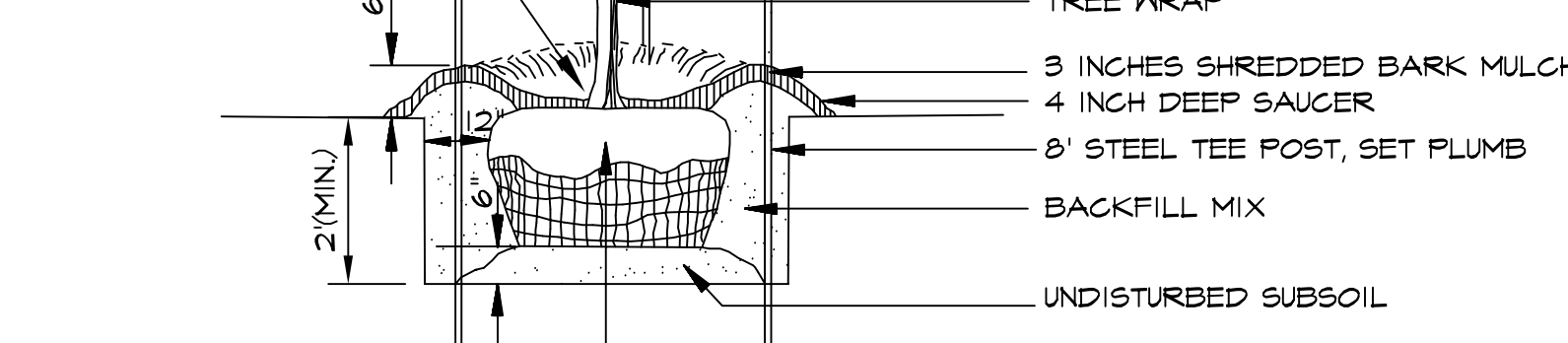
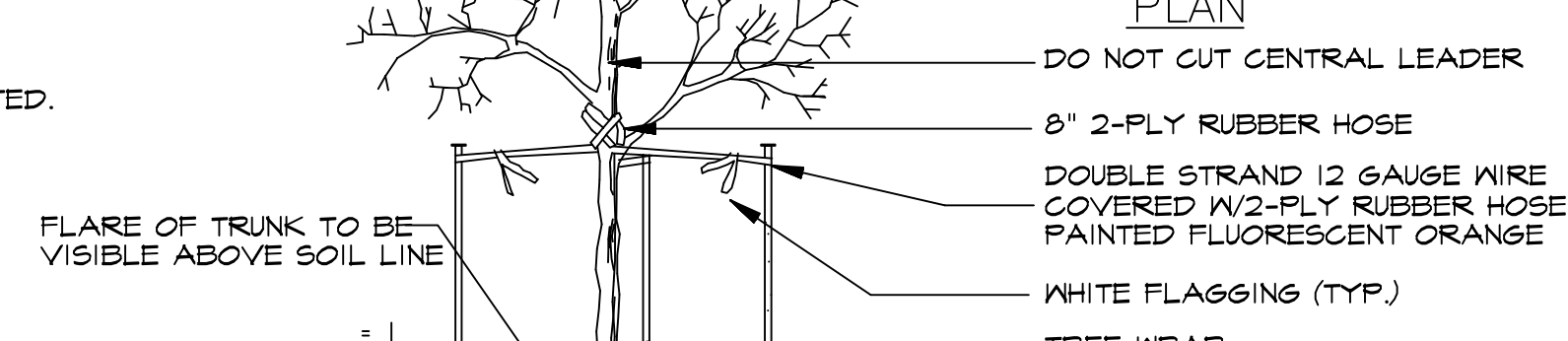


SHRUB PLANTING ON SLOPE

N.T.S.



DO NOT CUT CENTRAL LEADER
 8" 2-PLY RUBBER HOSE
 DOUBLE STRAND 12 GAUGE WIRE COVERED W/2-PLY RUBBER HOSE PAINTED FLUORESCENT ORANGE
 WHITE FLAGGING (TYP.)
 TREE WRAP
 3 INCHES SHREDDED BARK MULCH
 4 INCH DEEP SAUCER
 8" STEEL TEE POST, SET PLUMB
 BACKFILL MIX
 UNDISTURBED SUBSOIL

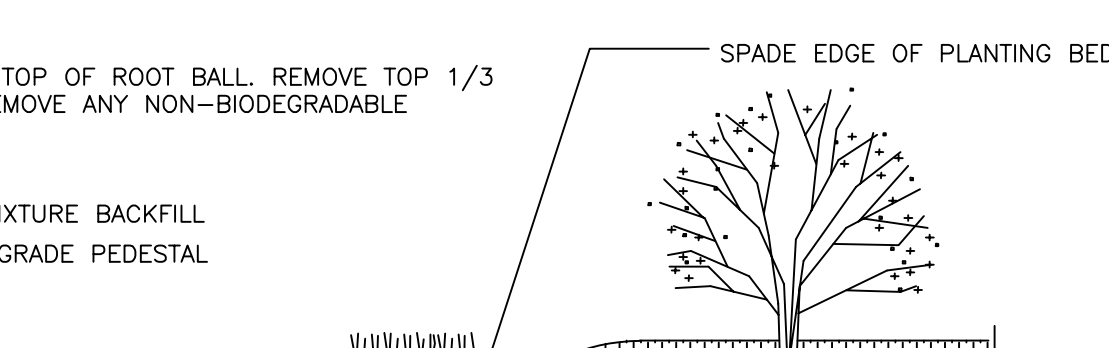


REMOVE BURLAP, WIRE & ROPE FROM TOP 1/3 OF THE BALL AFTER PLACEMENT IN PIT

DECIDUOUS TREE PLANTING

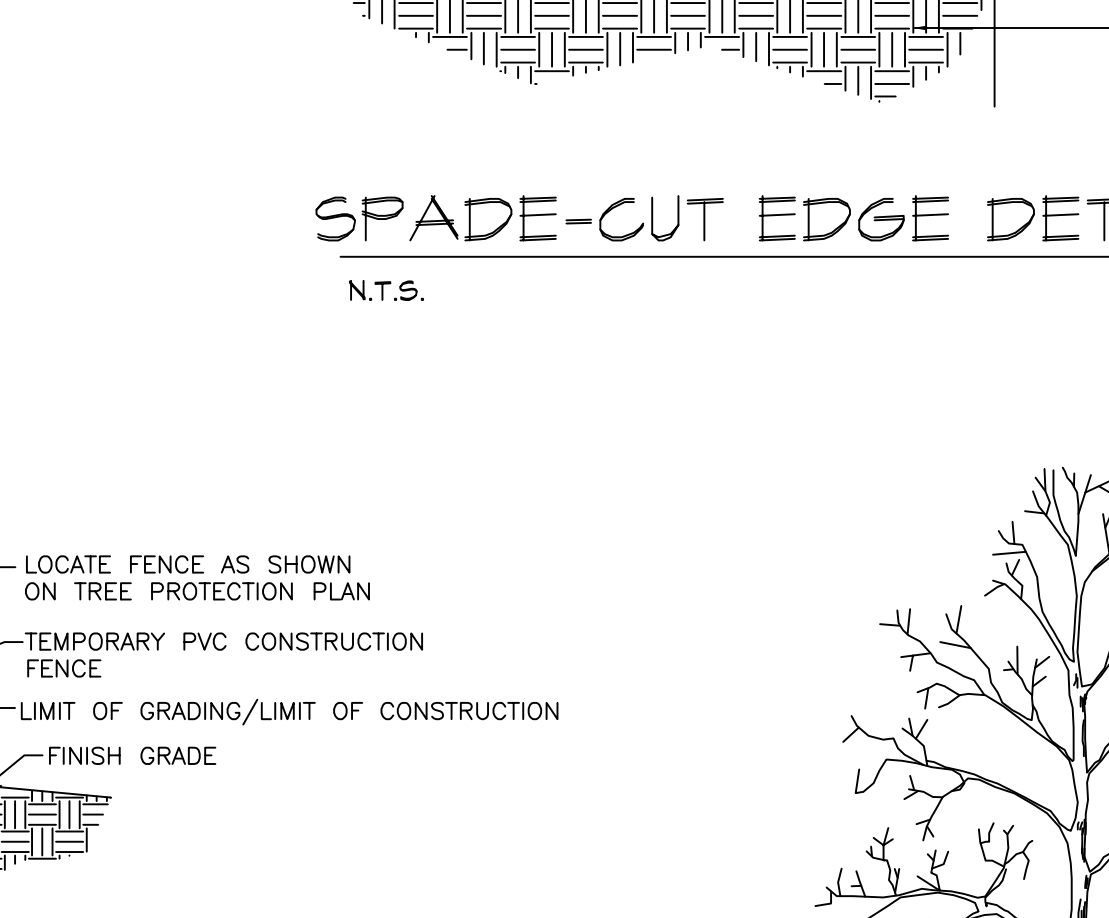
N.T.S.

SET TREE AT ORIGINAL GRADE
 SHREDDED BARK MULCH @ 3" MINIMUM
 SOIL SAUCER: USE PREPARED TOPSOIL - 6" MINIMUM



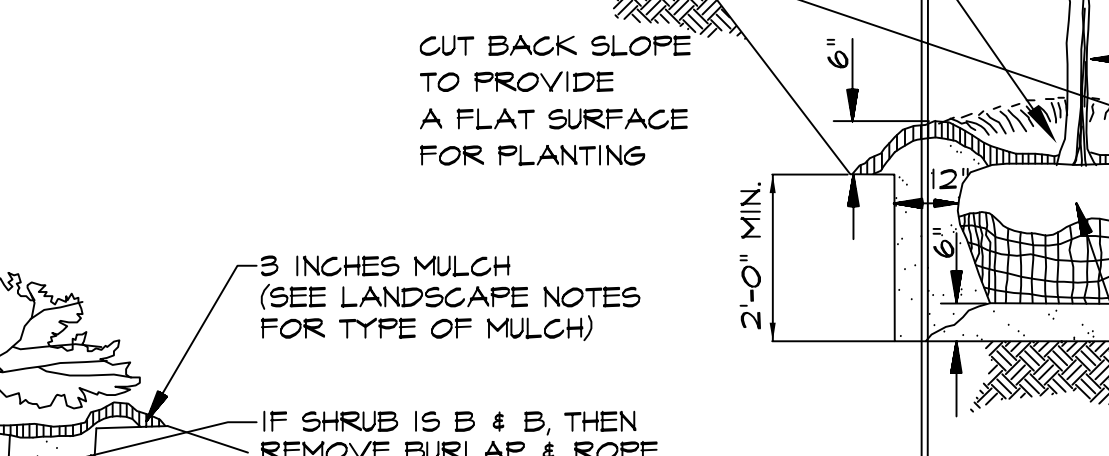
SPADE-CUT EDGE DETAIL

N.T.S.



TREE PLANTING ON SLOPE

N.T.S.



TREE PLANTING ON SLOPE

N.T.S.

SHRUB PLANTING ON SLOPE

N.T.S.